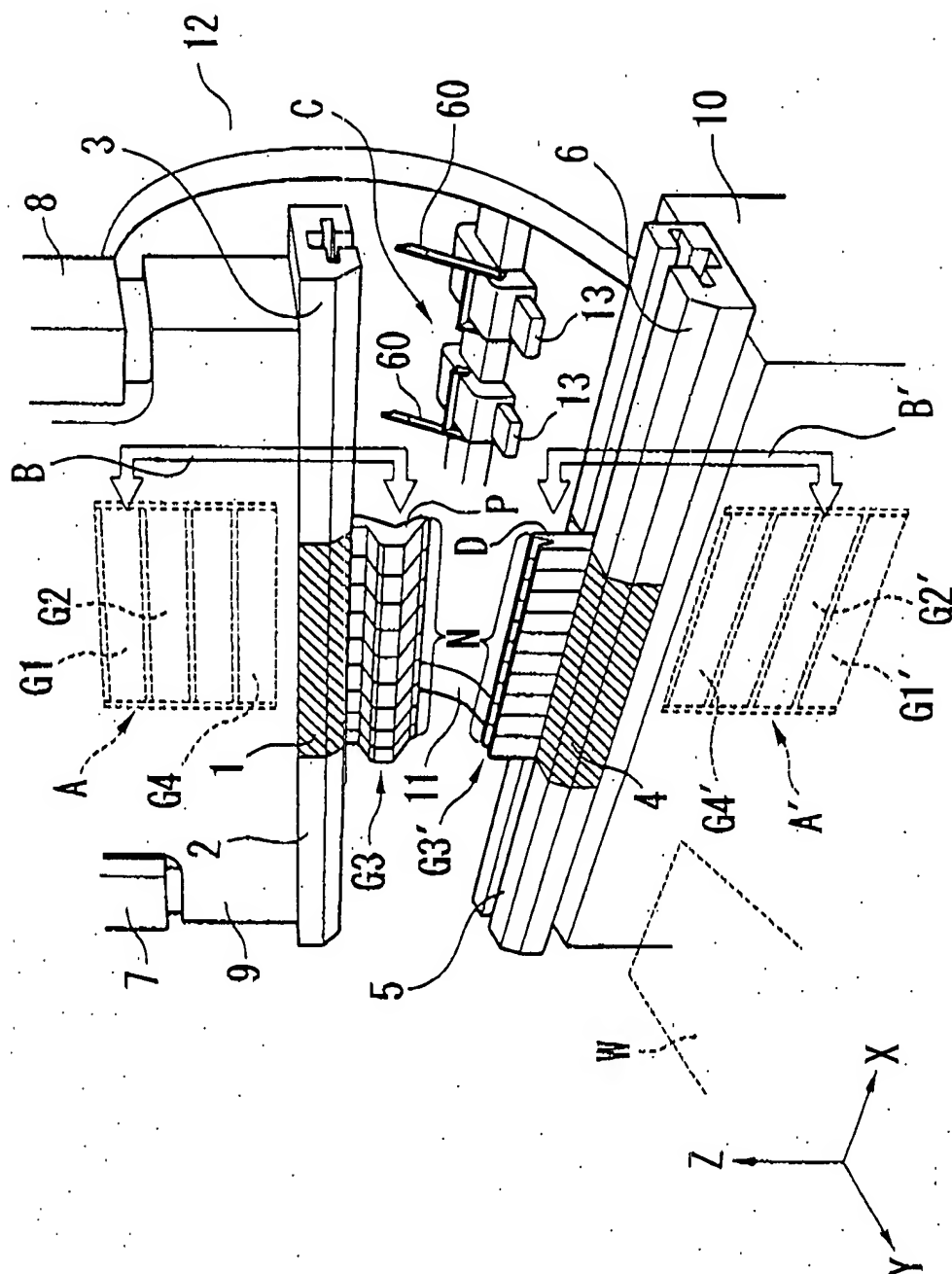


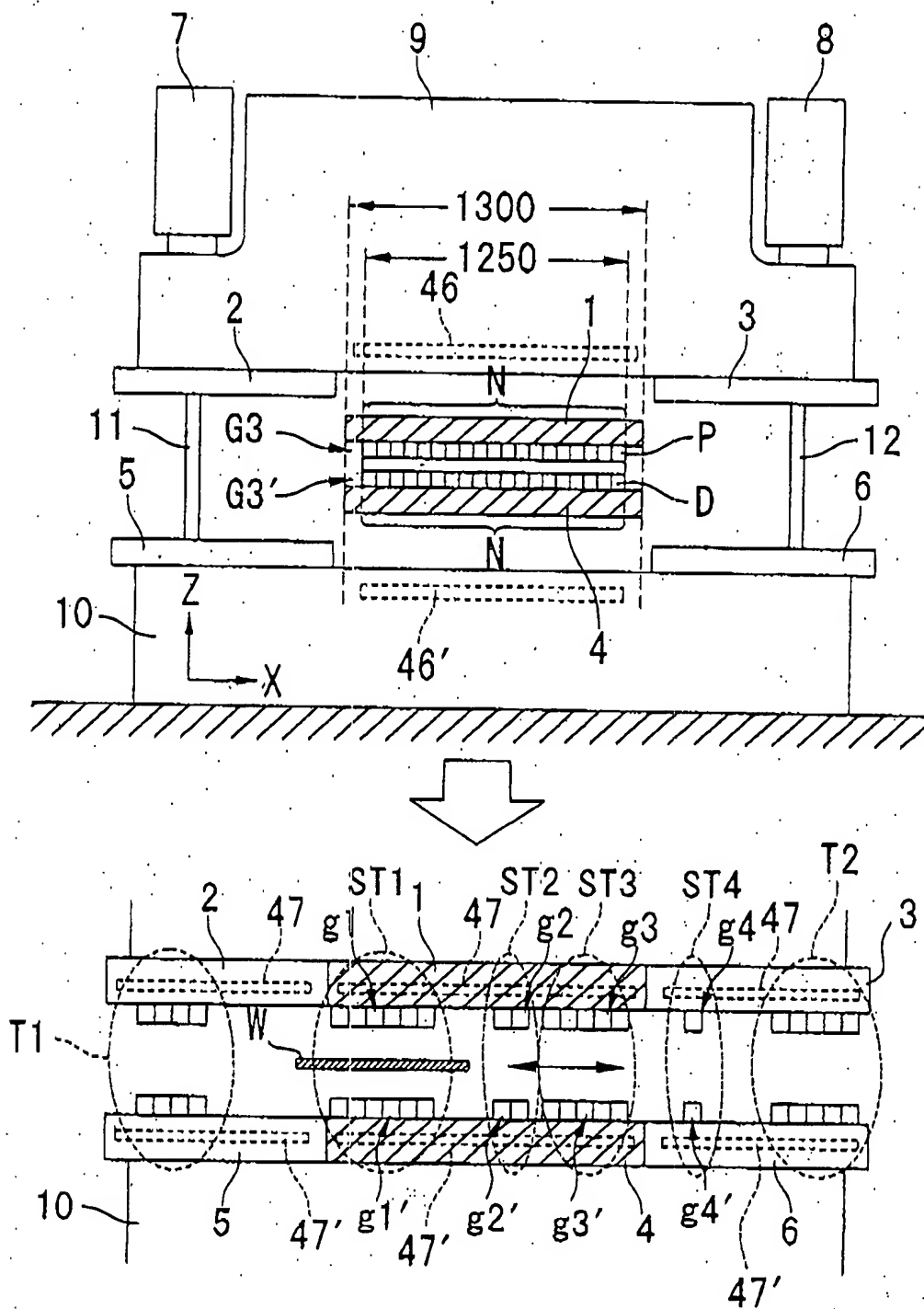
1 / 3 4

F I G . 1



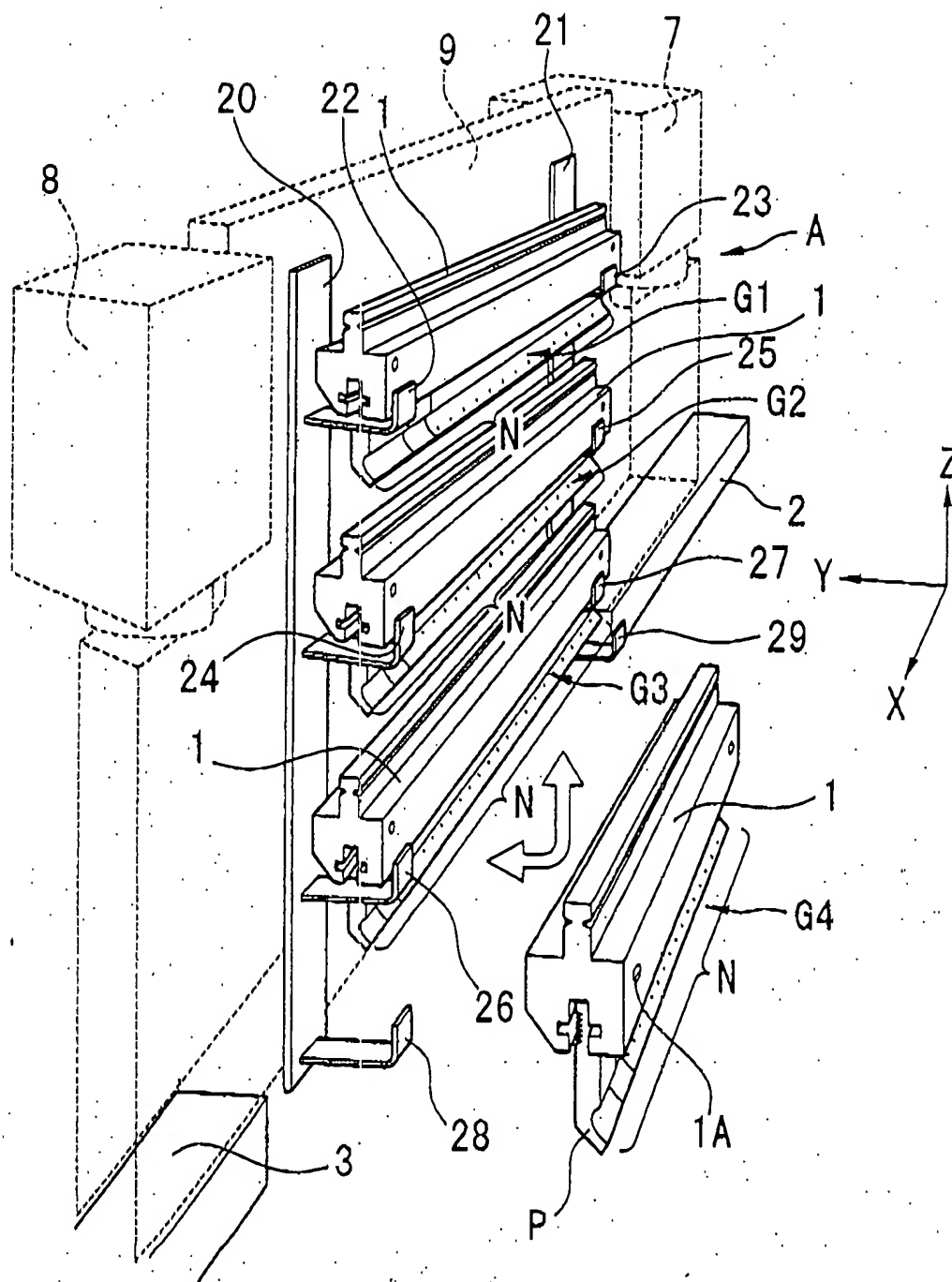
2 / 3 4

F I G. 2



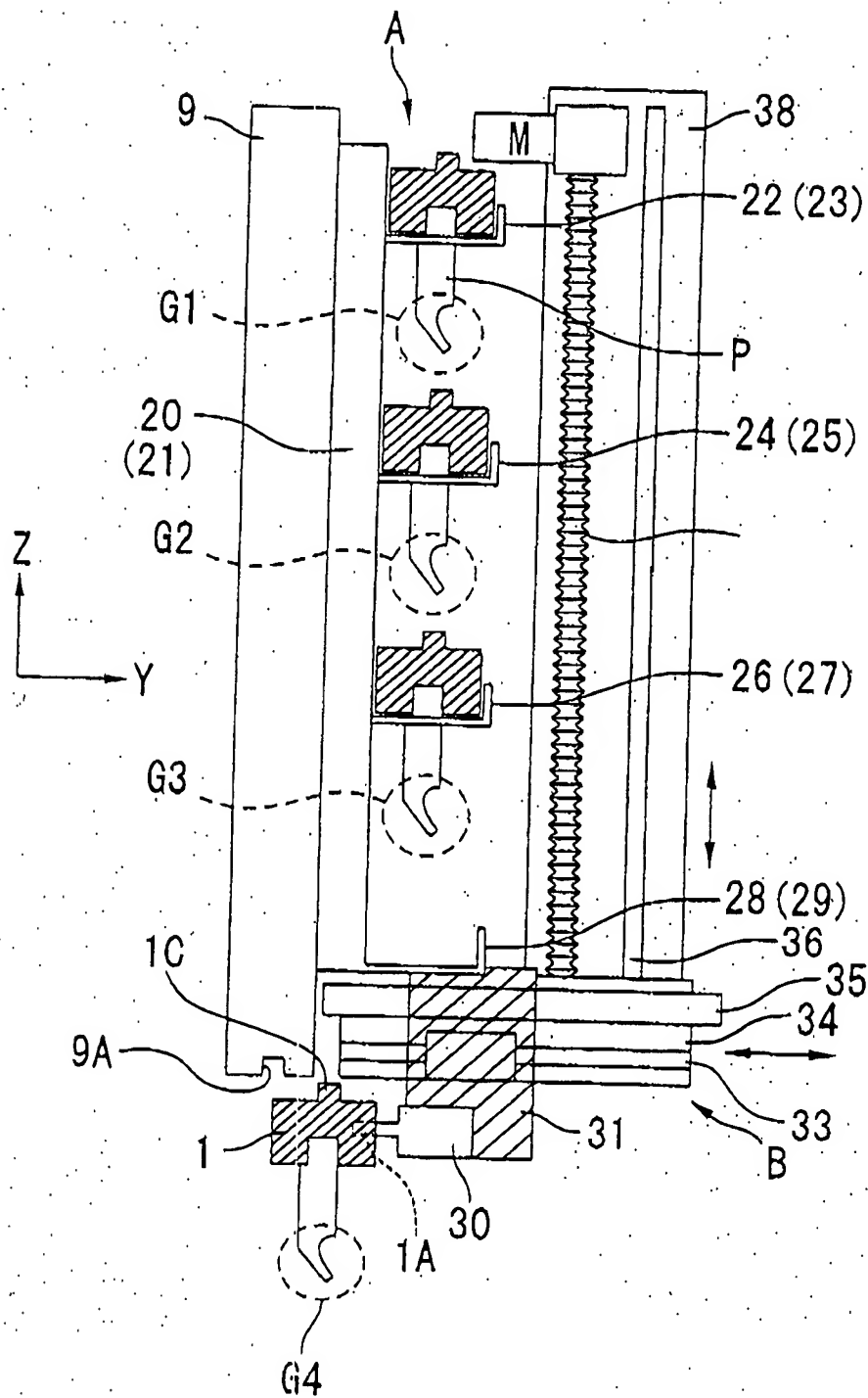
3 / 3 4

FIG. 3



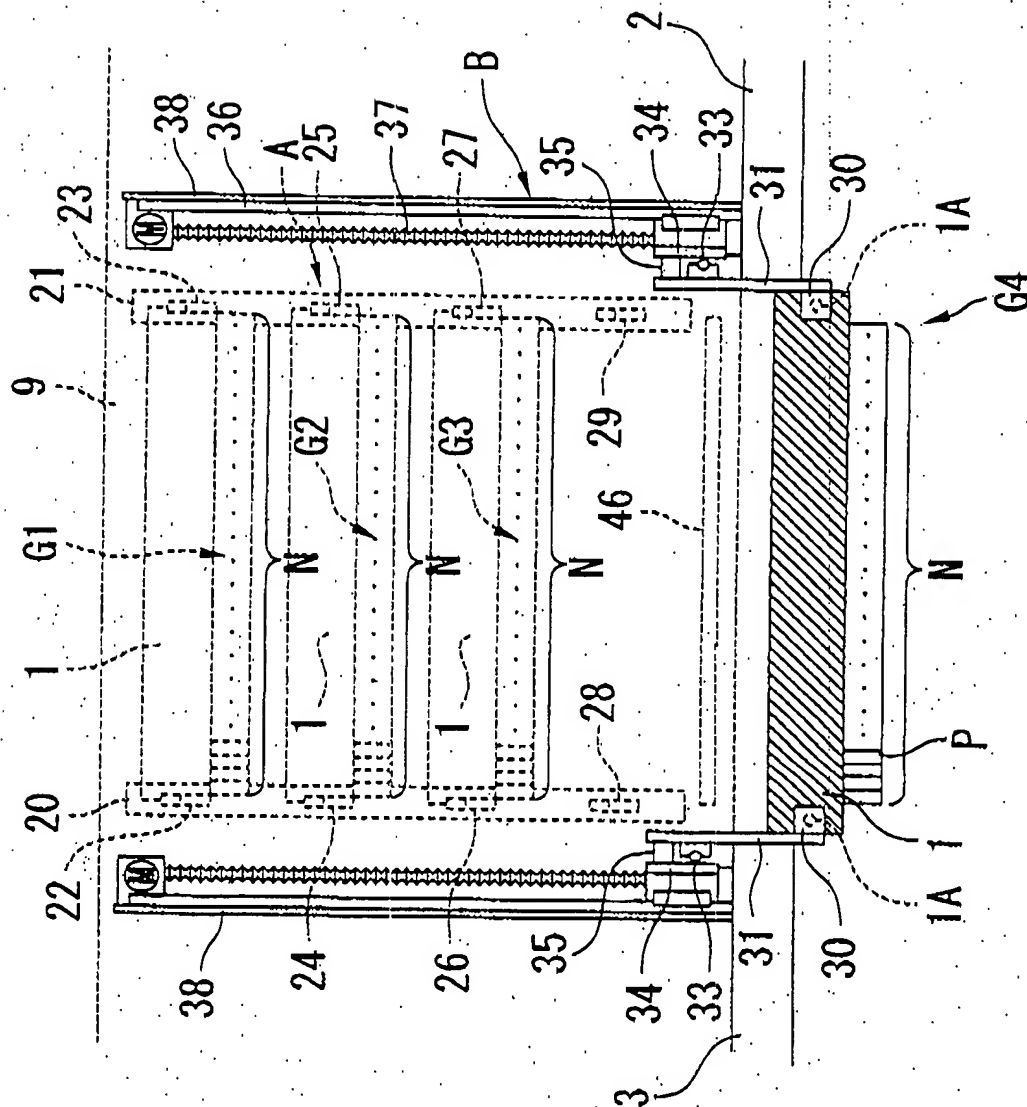
4 / 3 4

F I G . 4



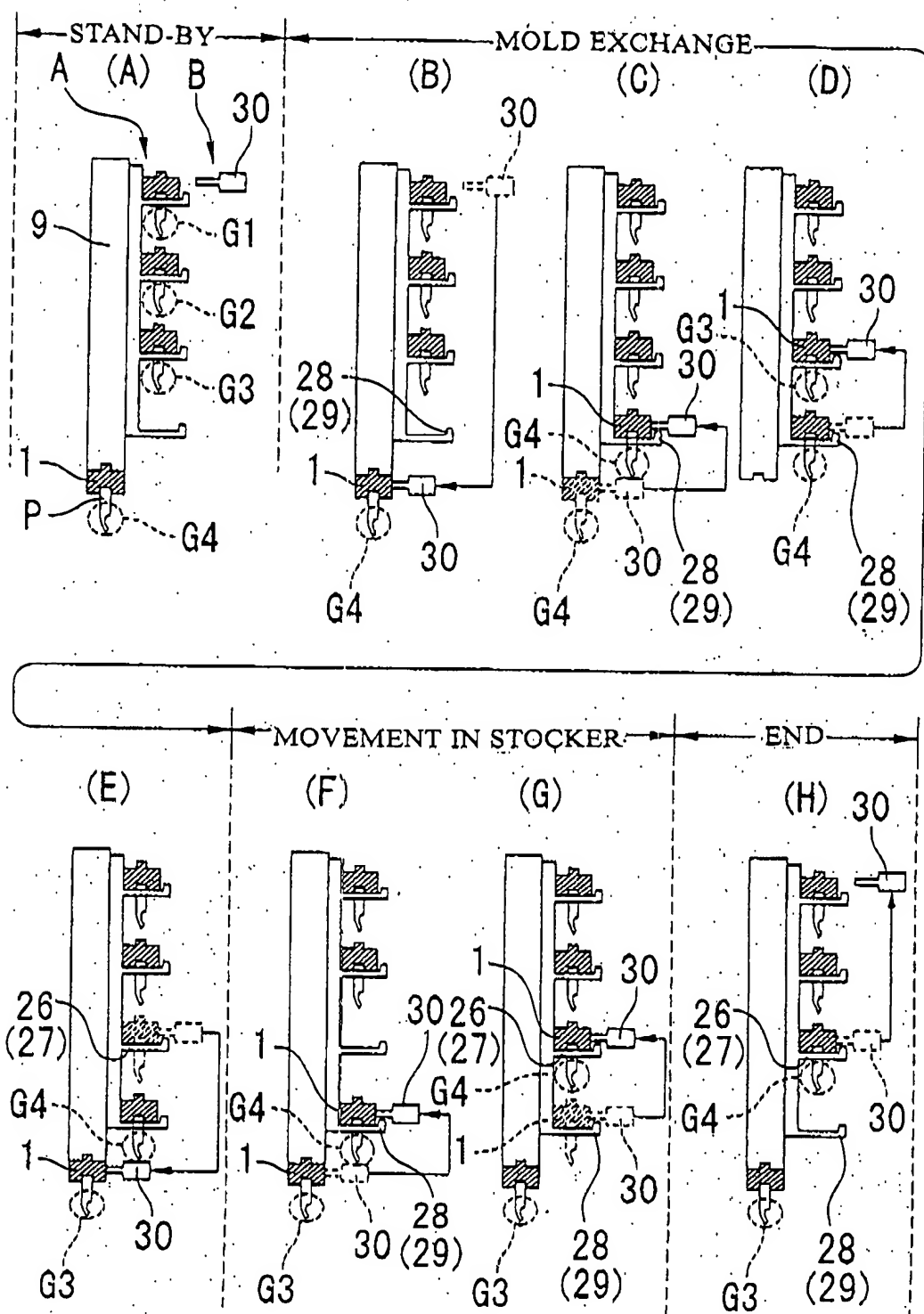
5 / 3 4

F I G . 5



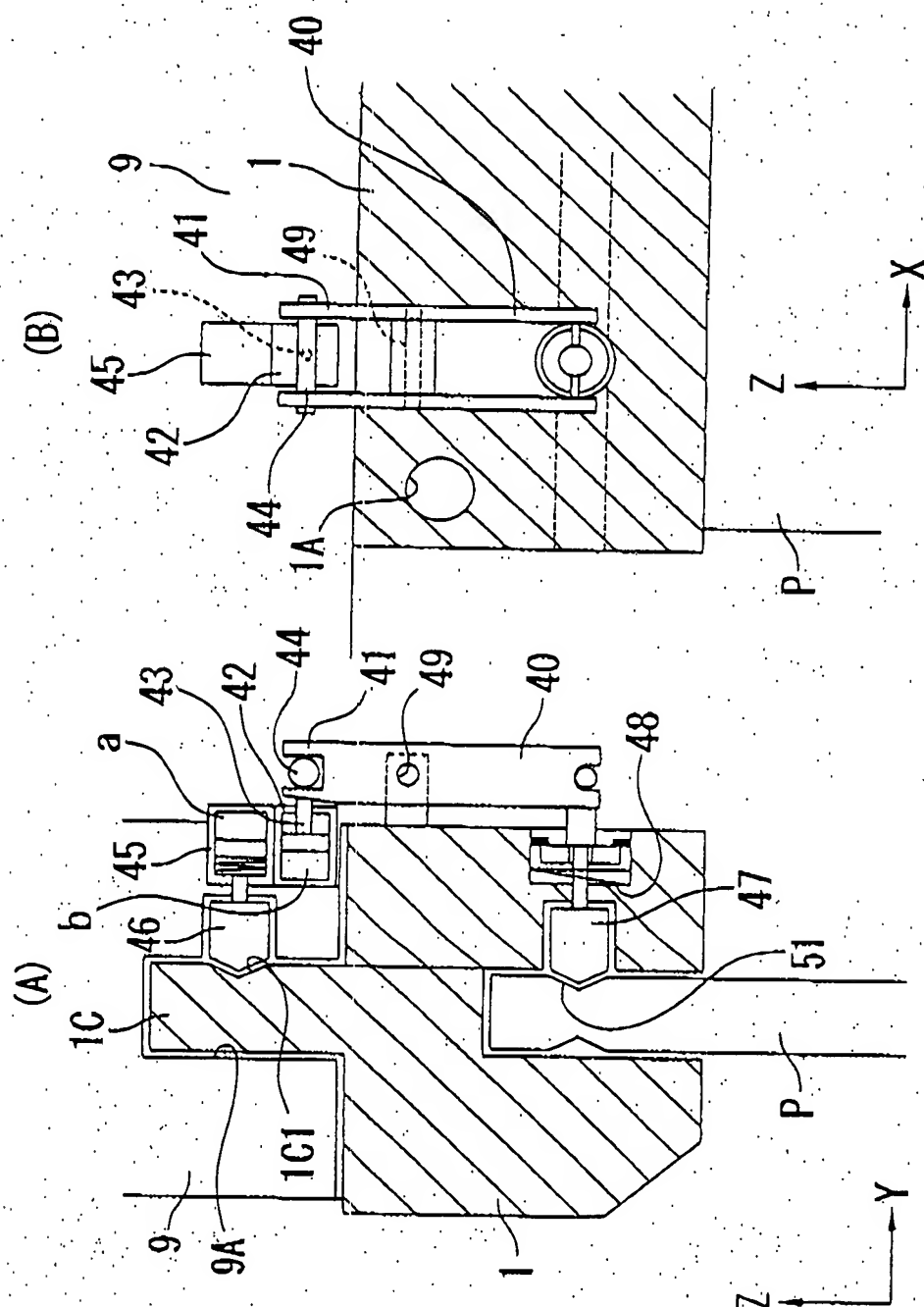
6 / 3 4

FIG. 6



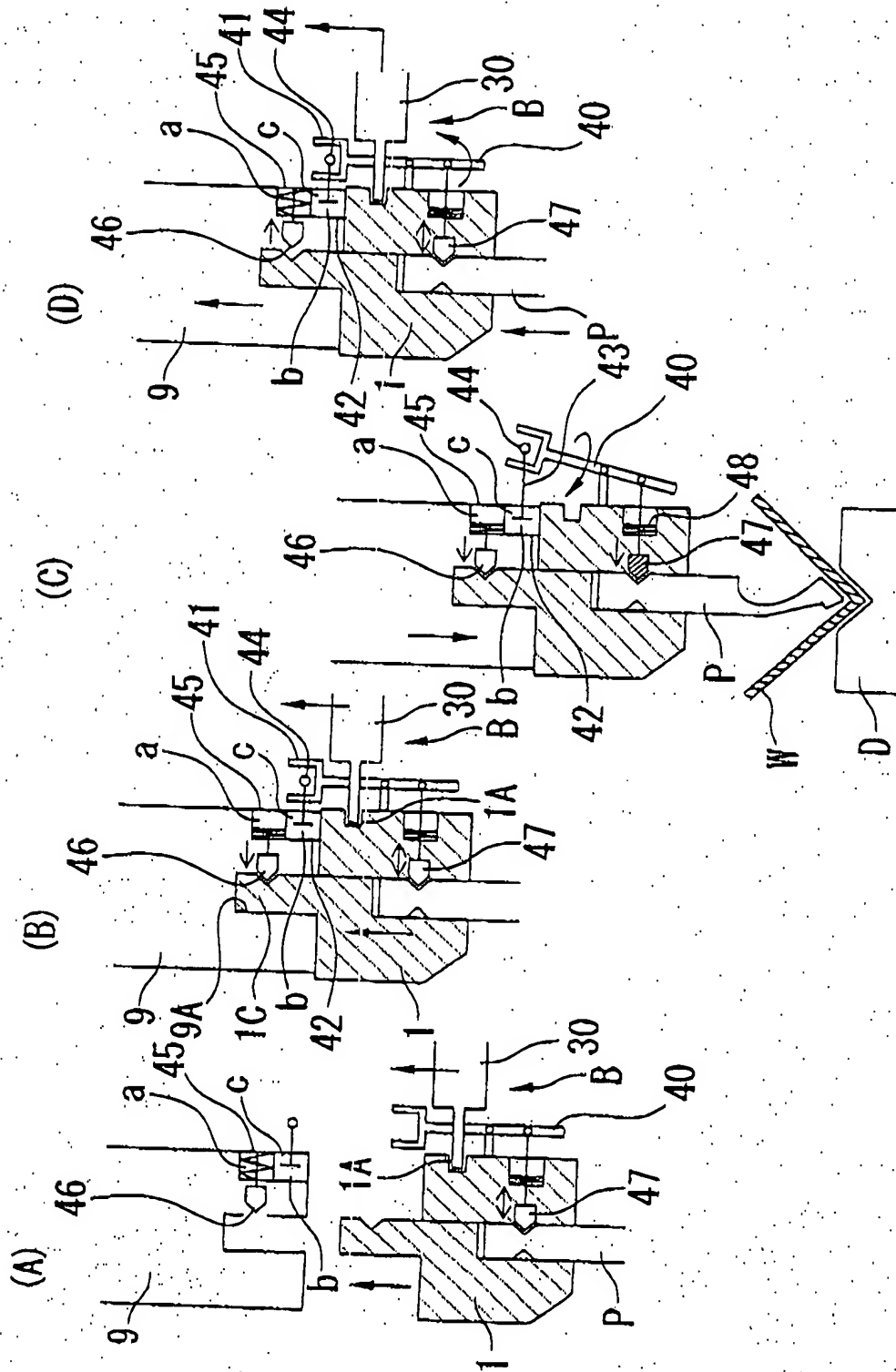
7 / 3 . 4

F I G . 7



8 / 3 4

7 - 6 - 8



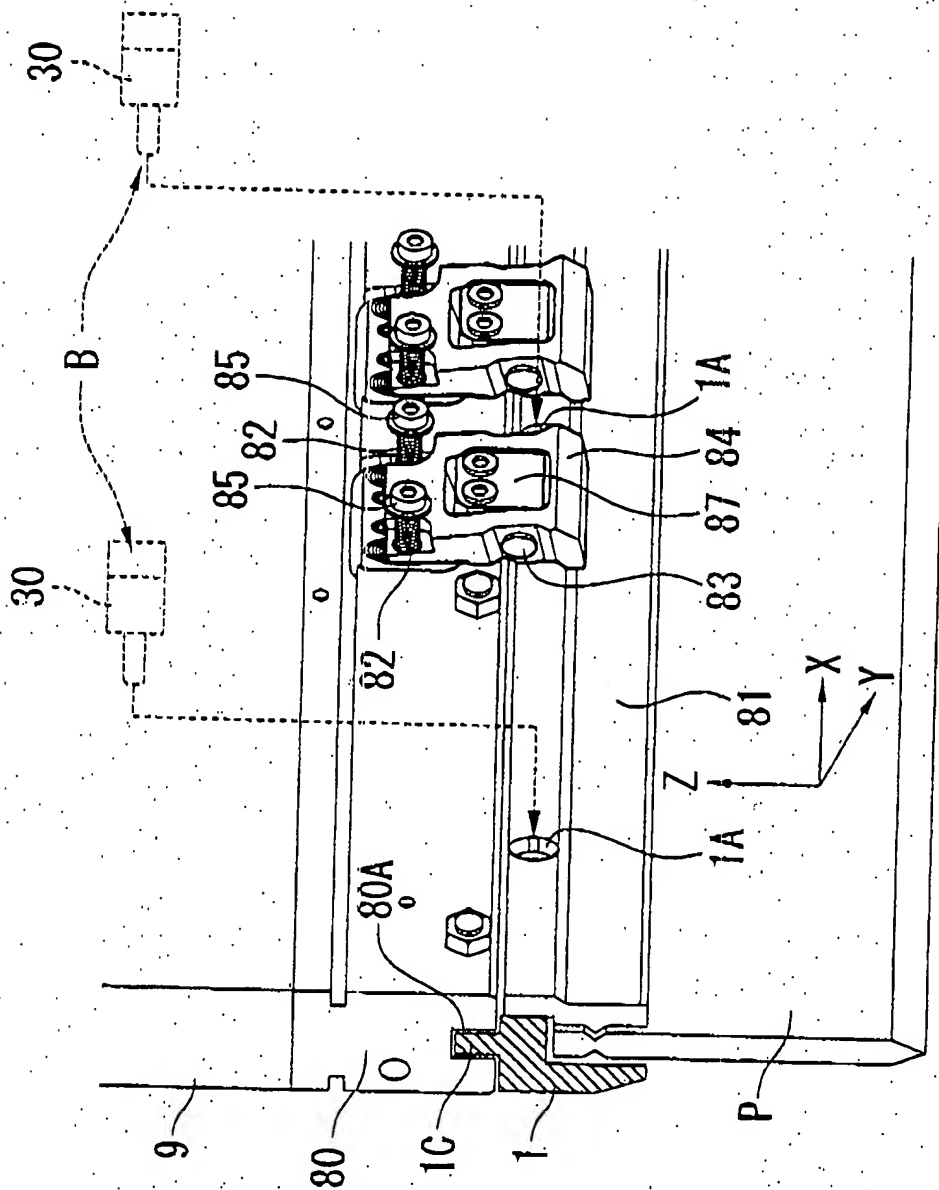
9 / 34

F I G . 9

		a	b	c	
①	JUST BEFORE ATTACHMENT	off	off	off	(FIG. 8(A))
②	TOOL GROUP MOVEMENT (SLIDE)	on	off	off	(FIG. 8(B))
③	BENDING (CLAMP)	on	on	off	(FIG. 8(C))
④	JUST BEFORE DETACHMENT	off	off	off	(FIG. 8(D))

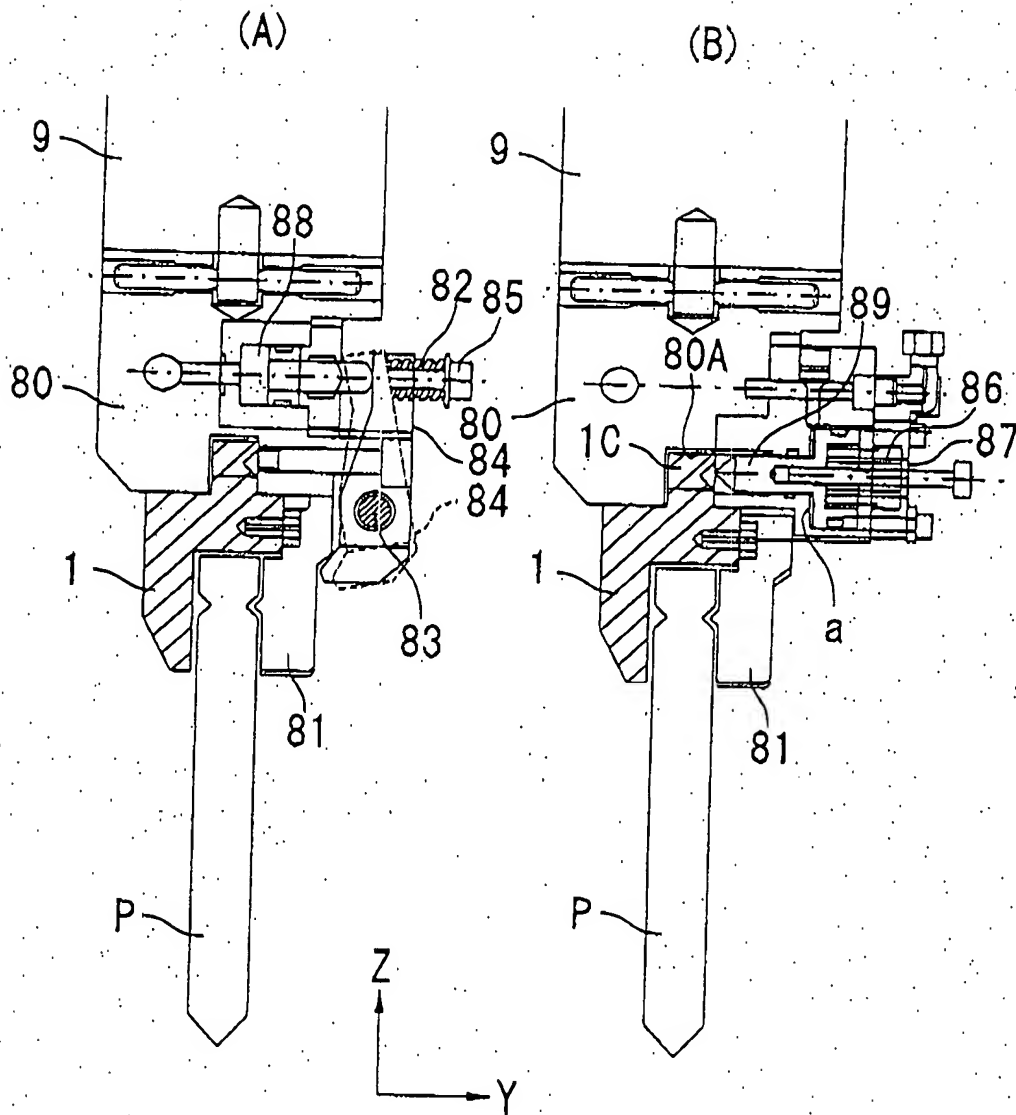
10/34

FIG. 10



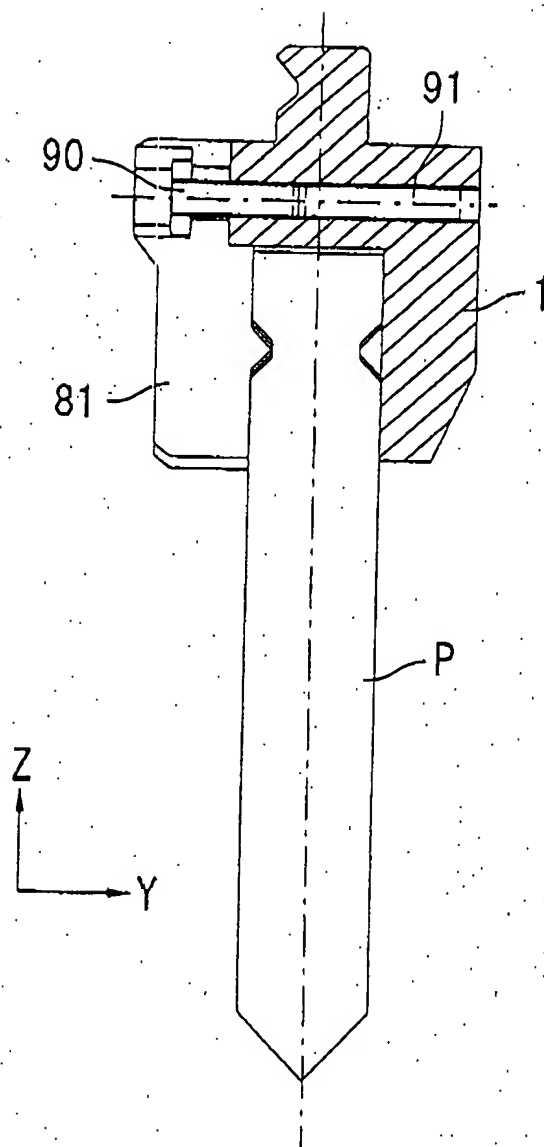
11/34

FIG. 11



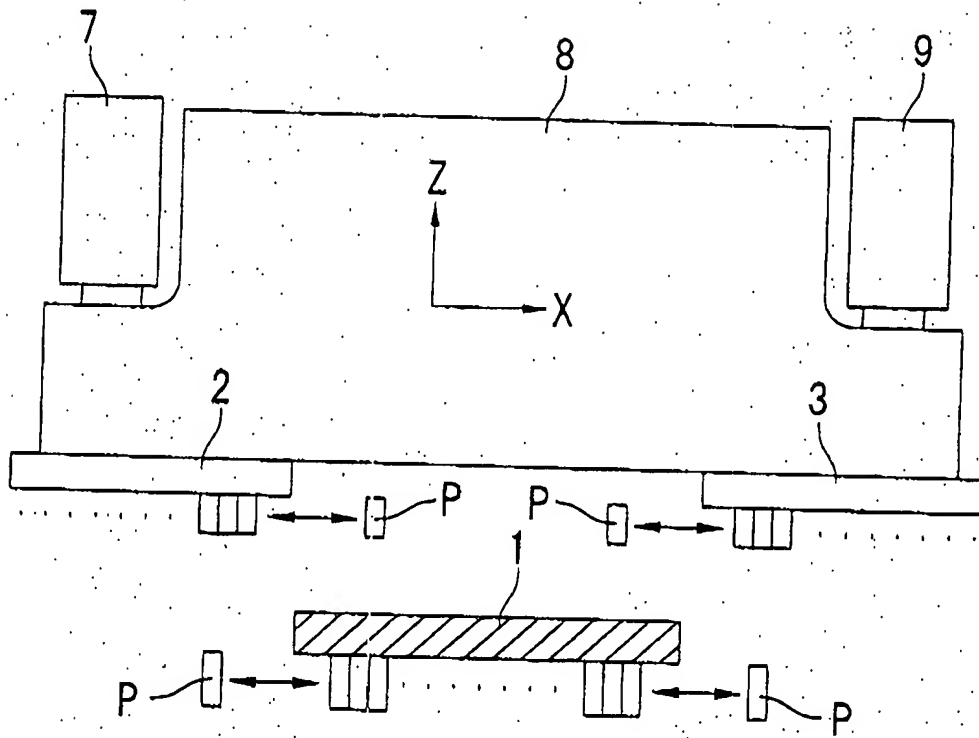
1 2/3 4

FIG. 12



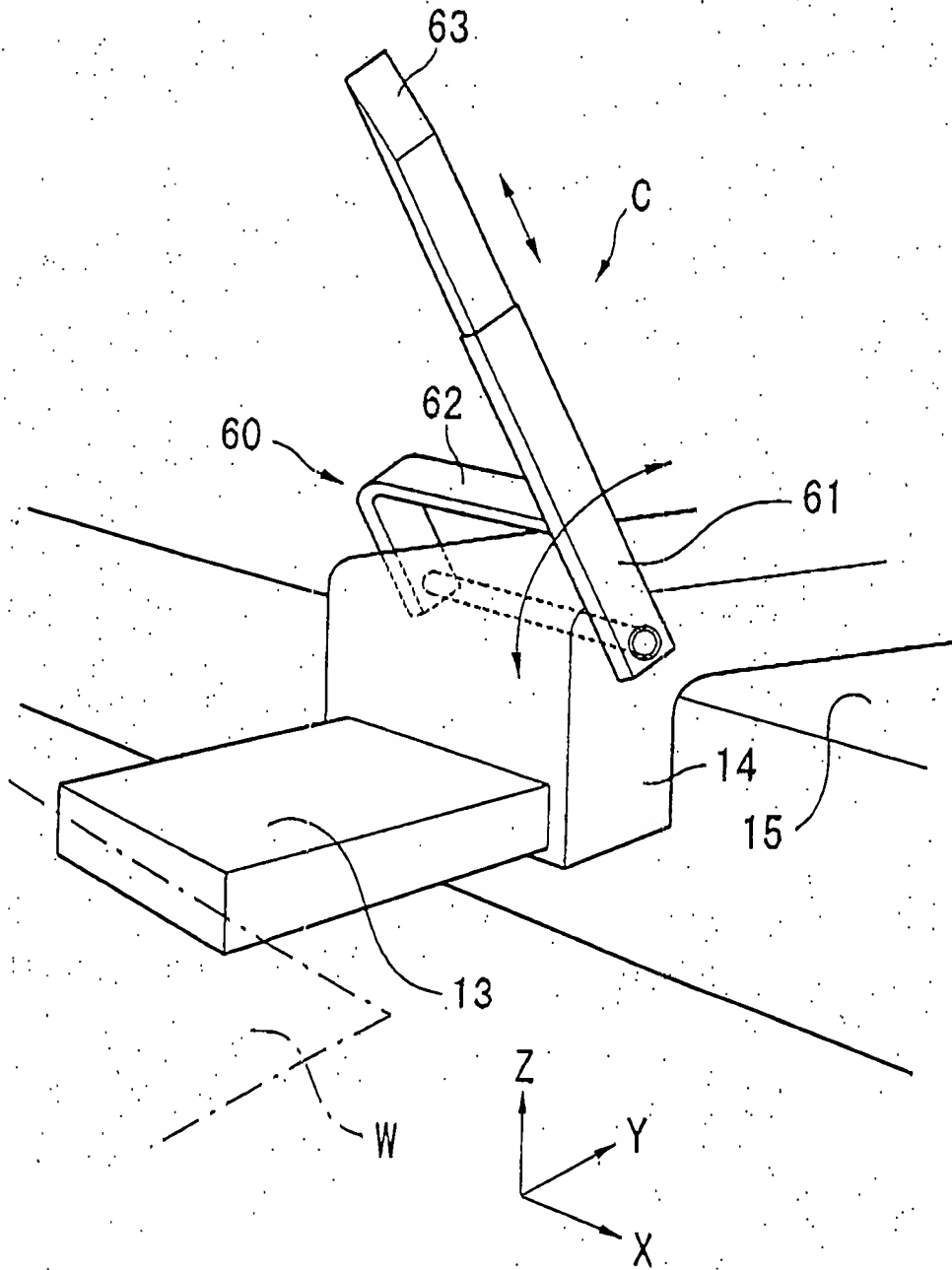
1 3 / 3 4

F I G . 1 3



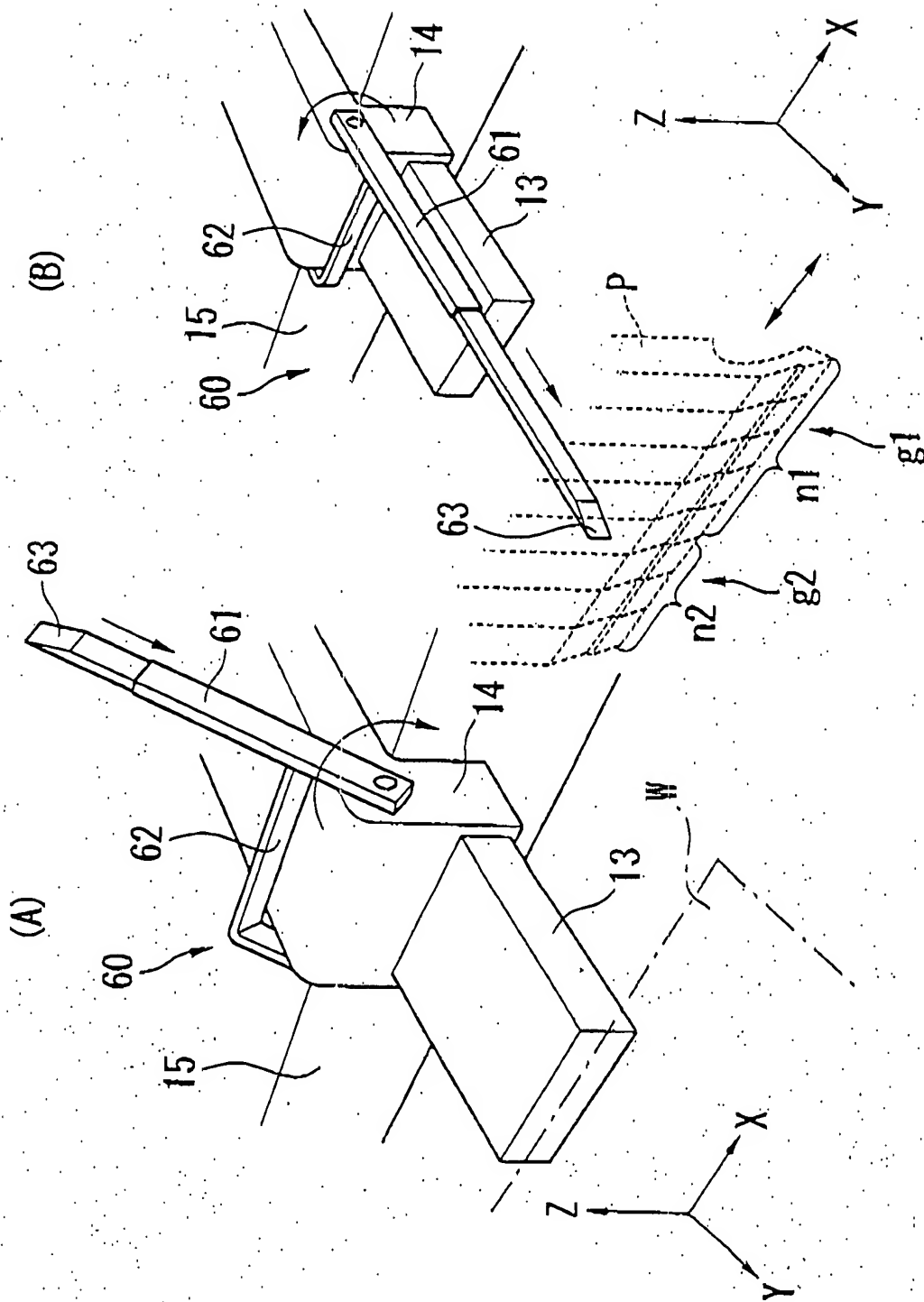
14/3, 4

FIG. 14



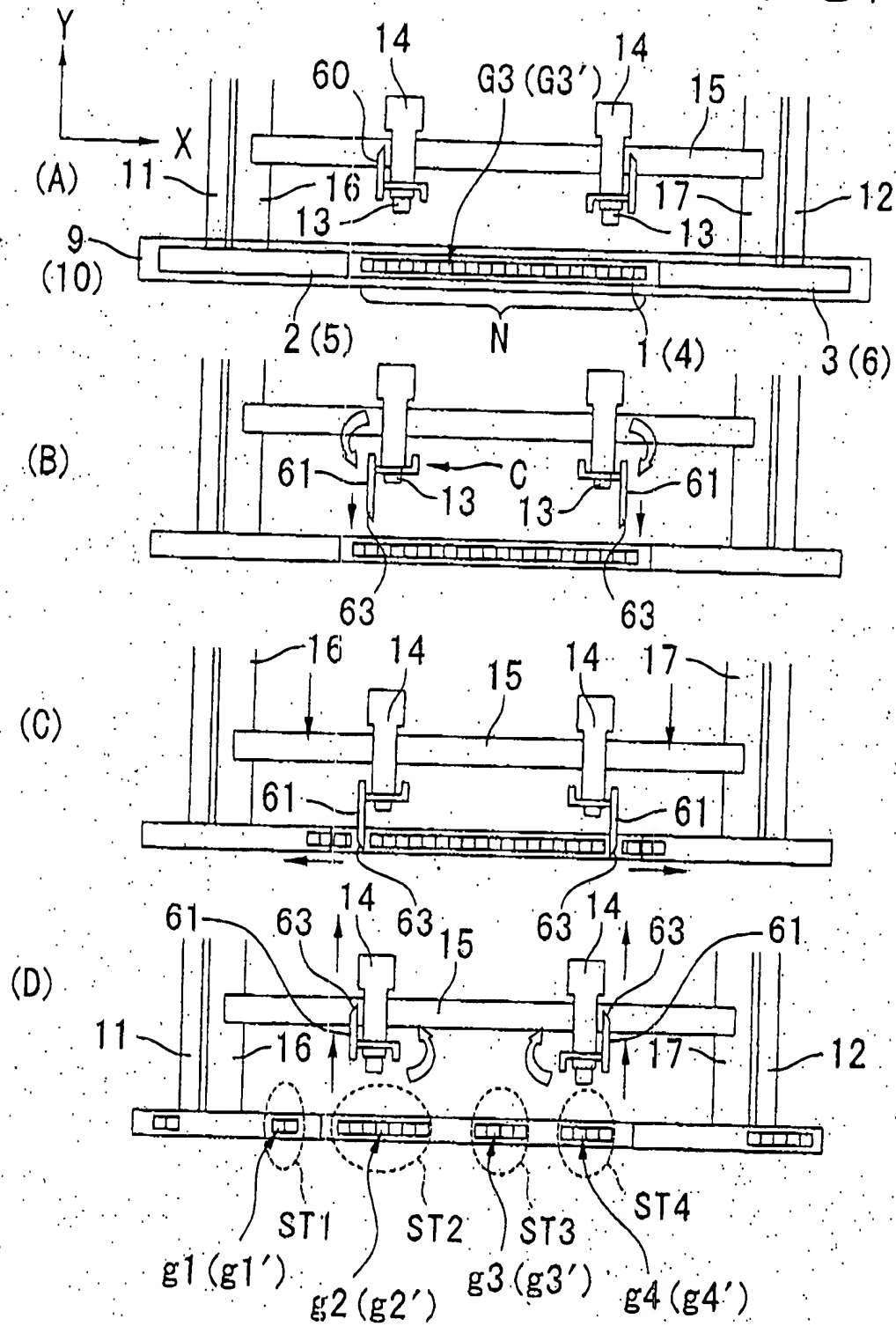
15/34

FIG. 15



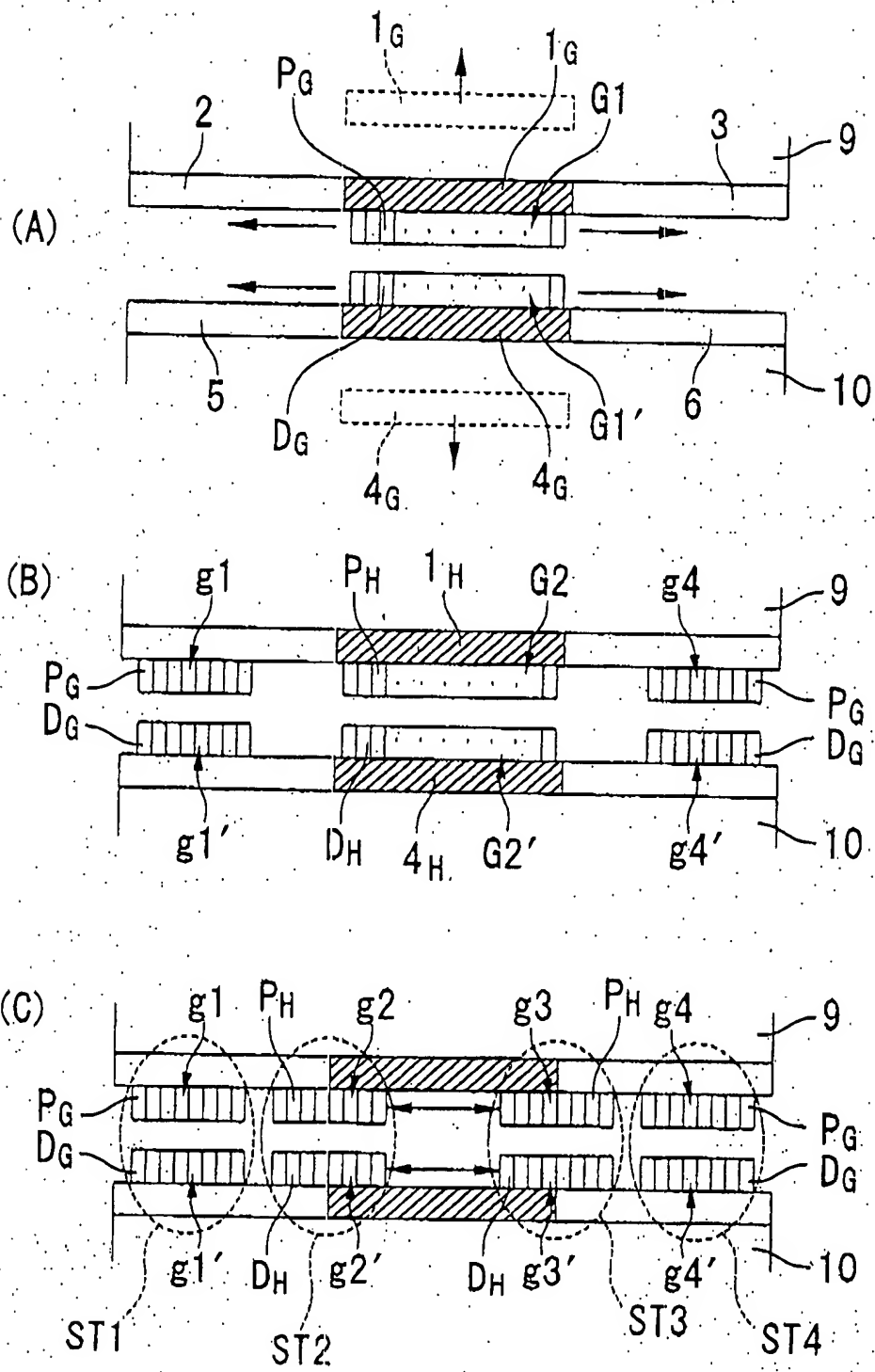
1 6/3 4

F I G . 1 6



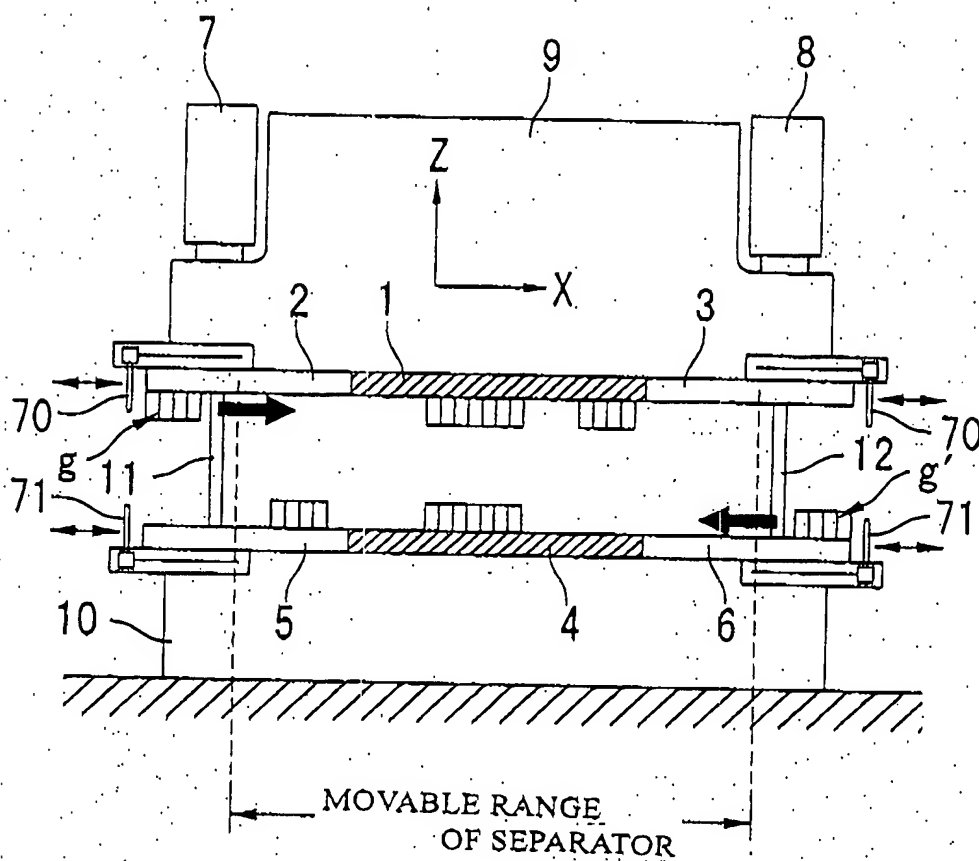
17/34

FIG. 17



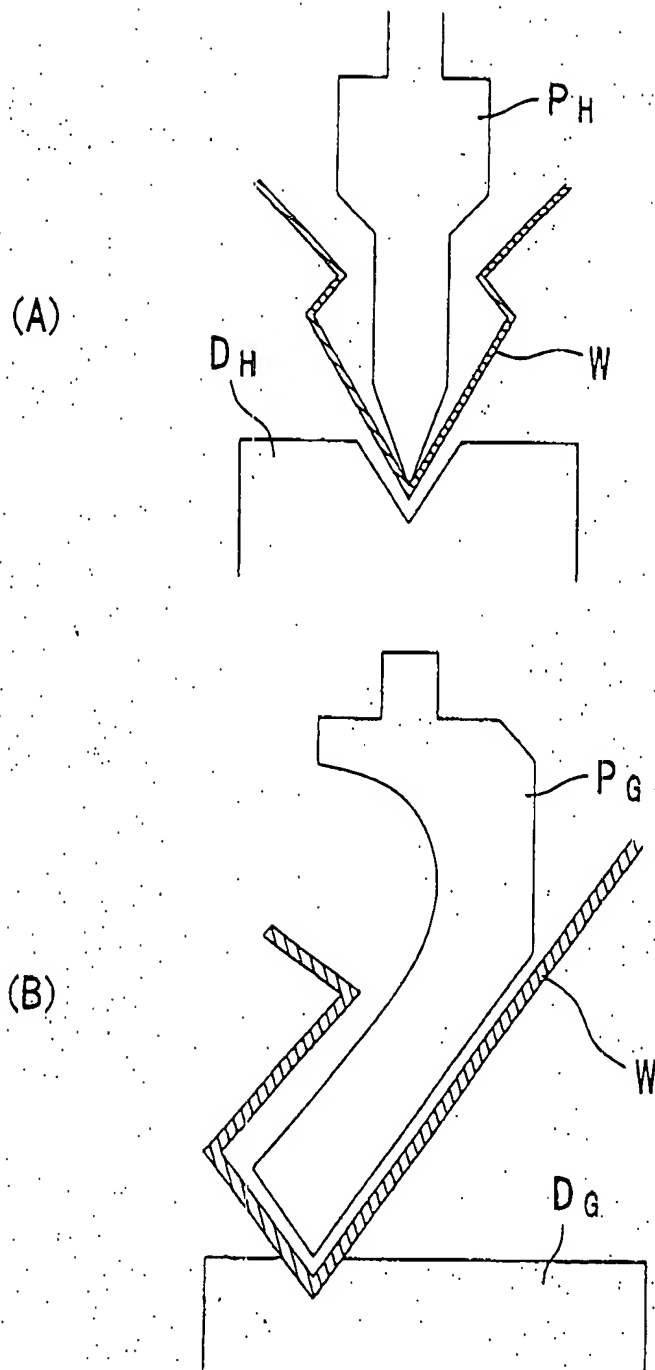
1 8/3 4

F I G . 1 8



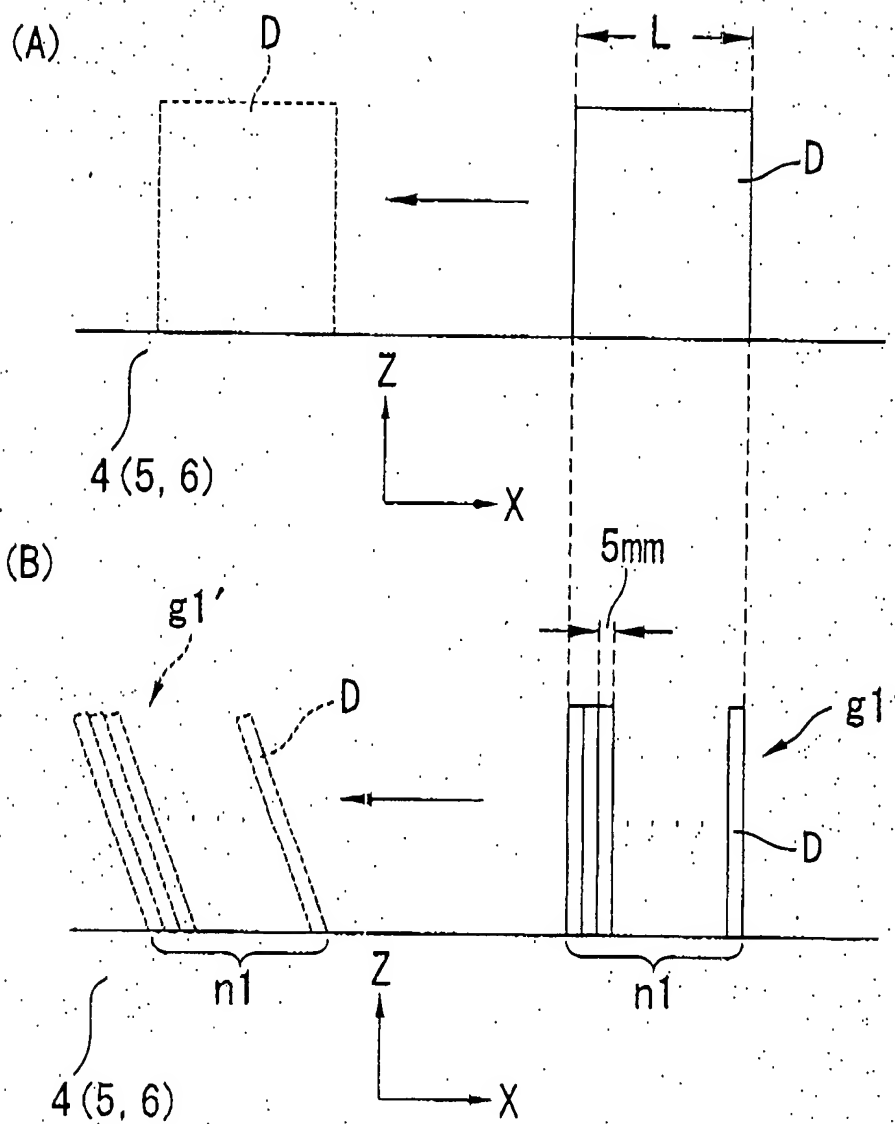
19/34

FIG. 19



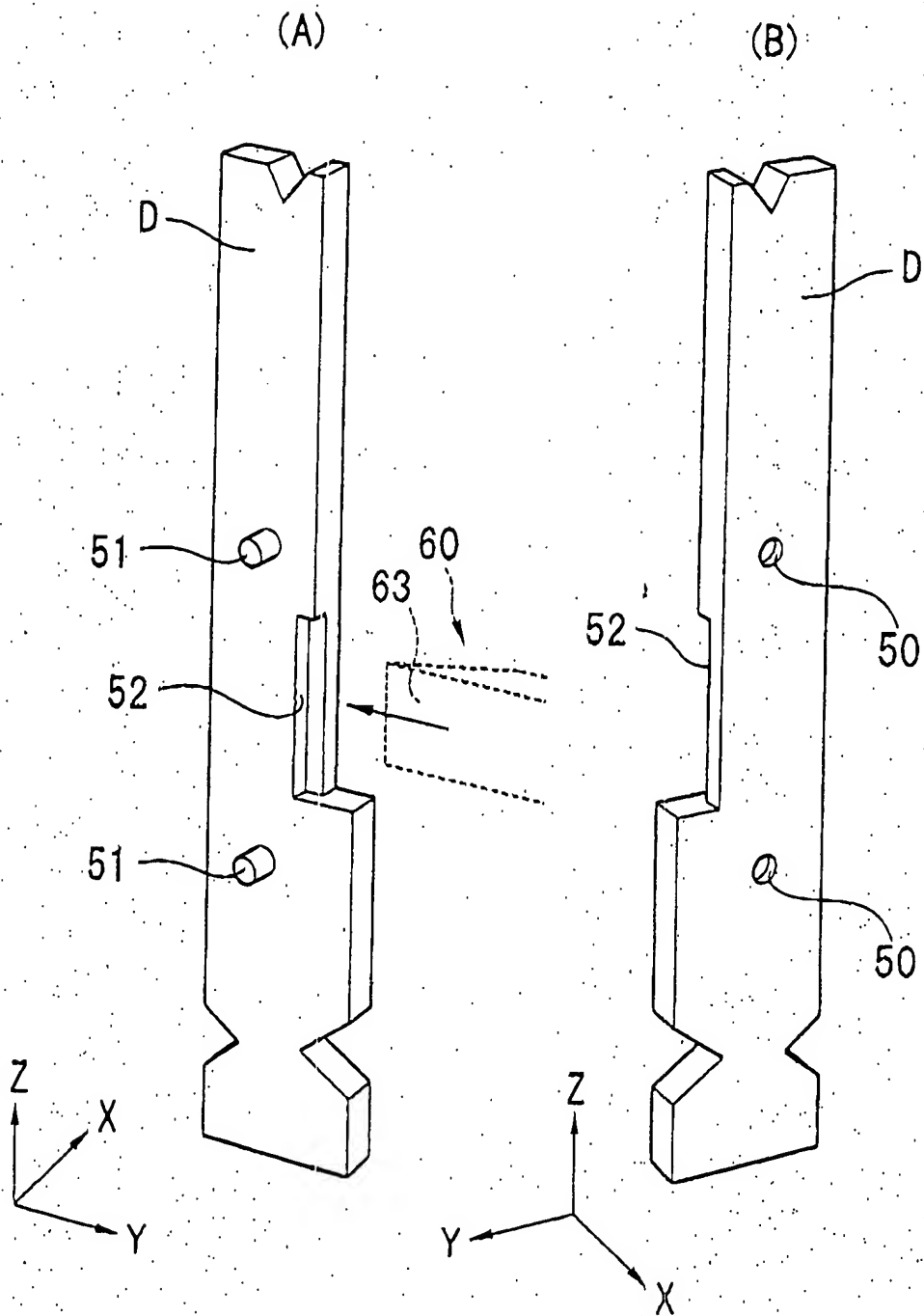
20/34

FIG. 20



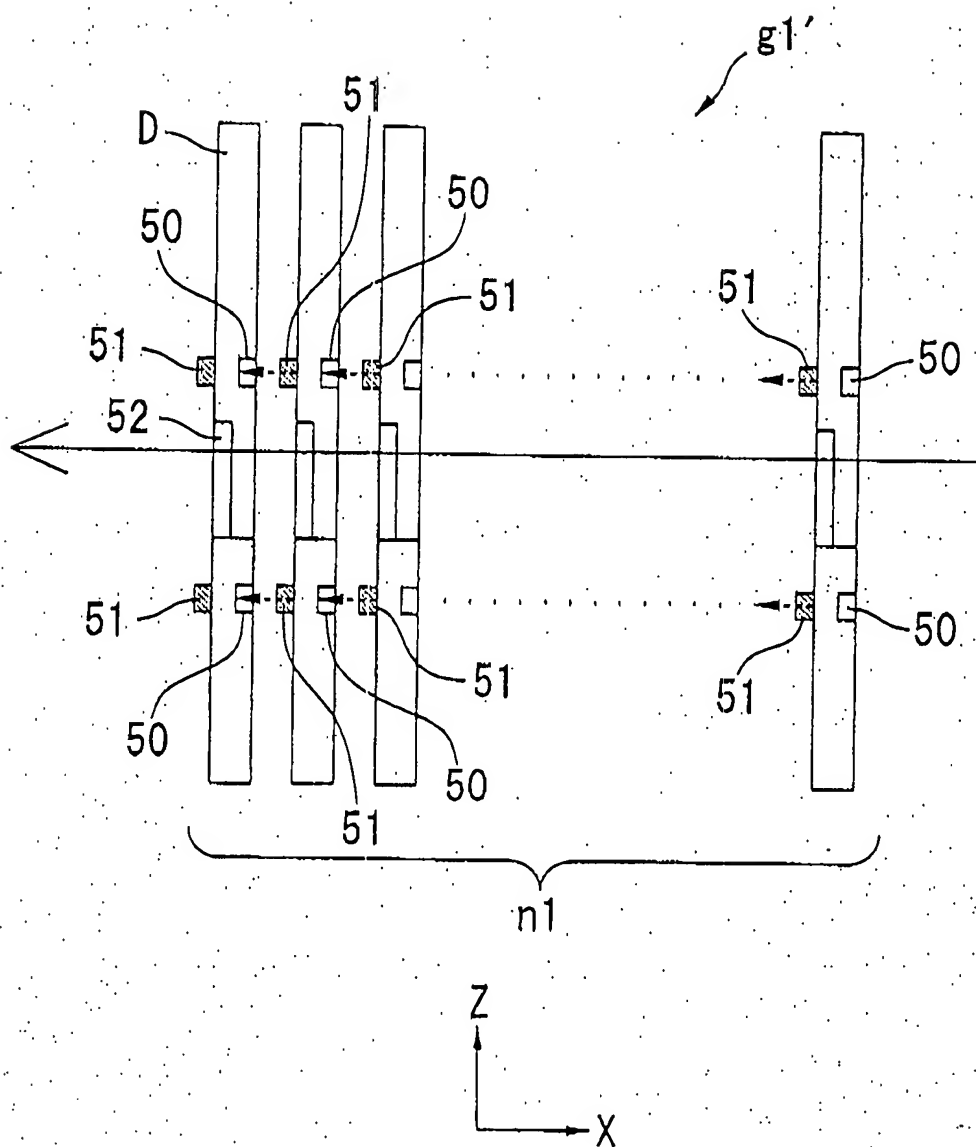
21/34

FIG. 21



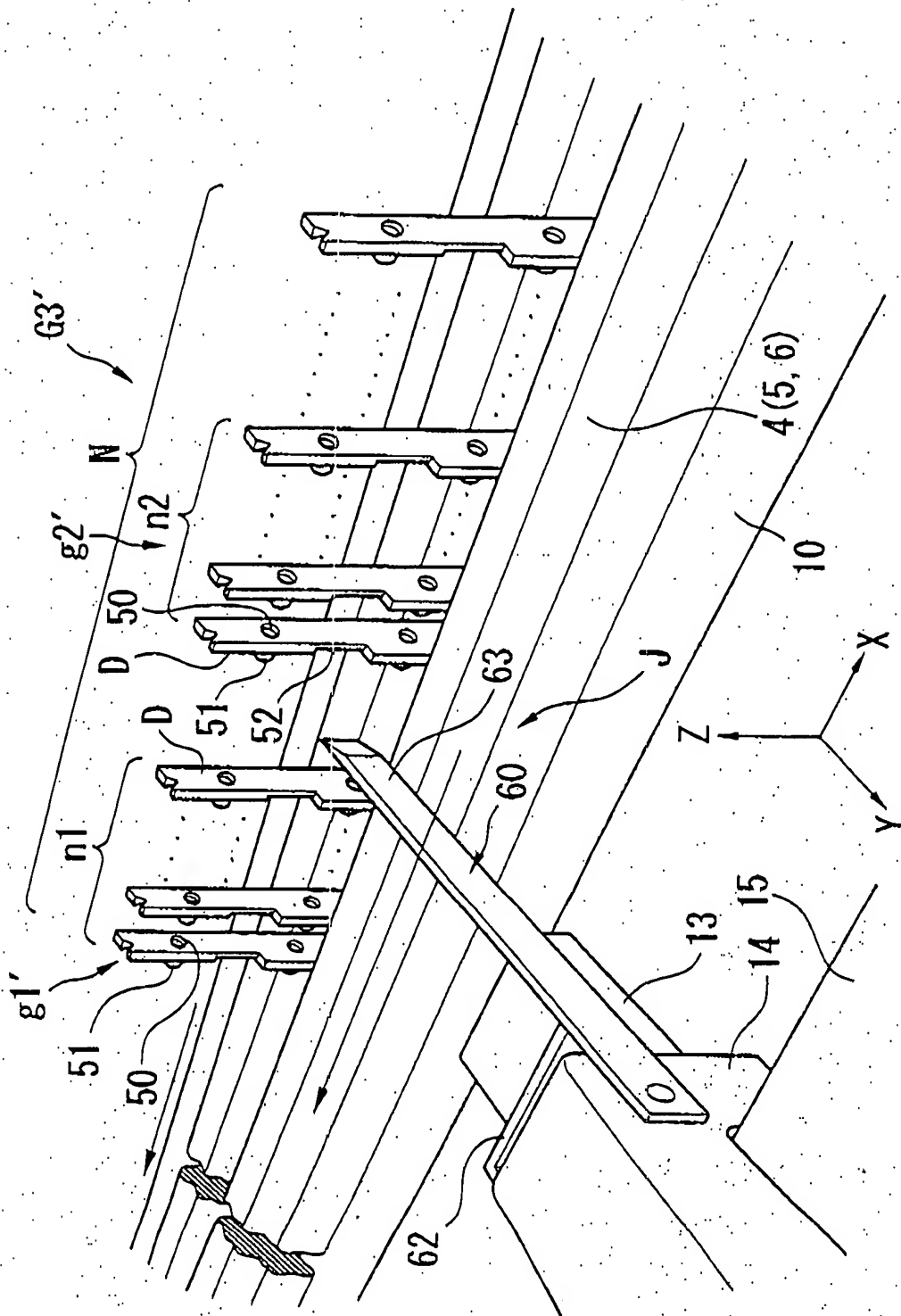
2 2 / 3 4

FIG. 22



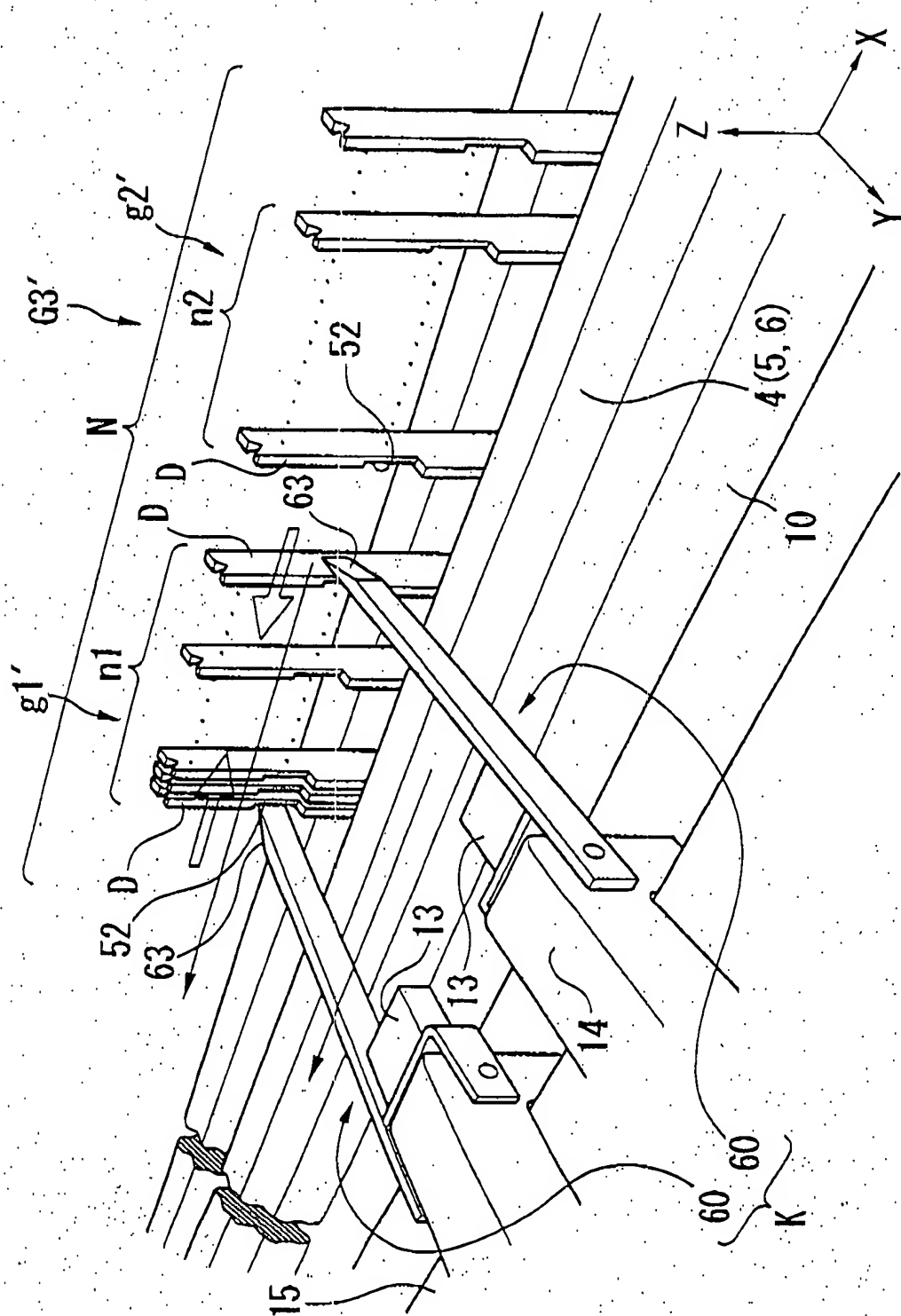
2 3./3 4

F I G . 2 3



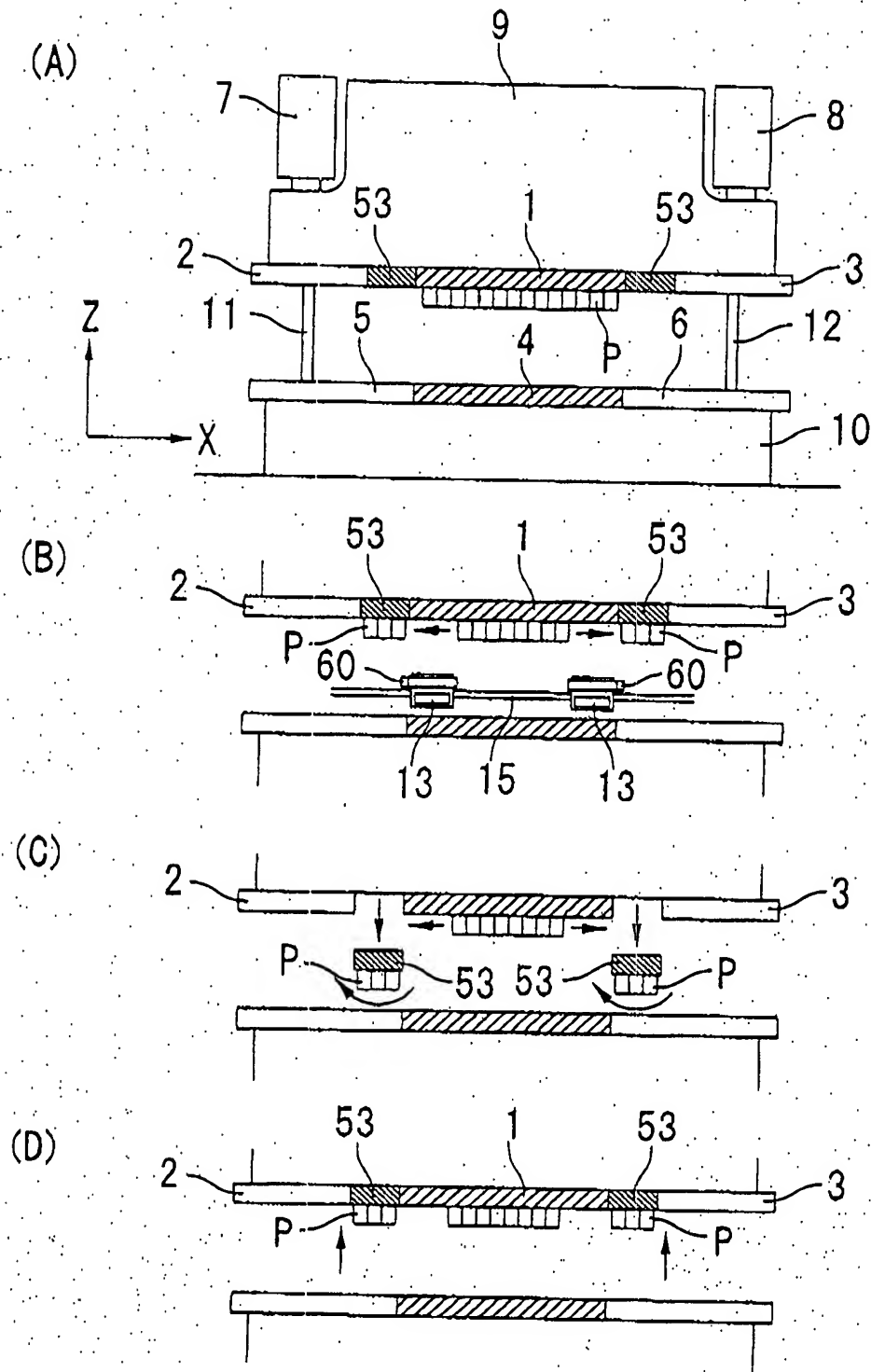
2 4 / 3 4

F I G . 2 4



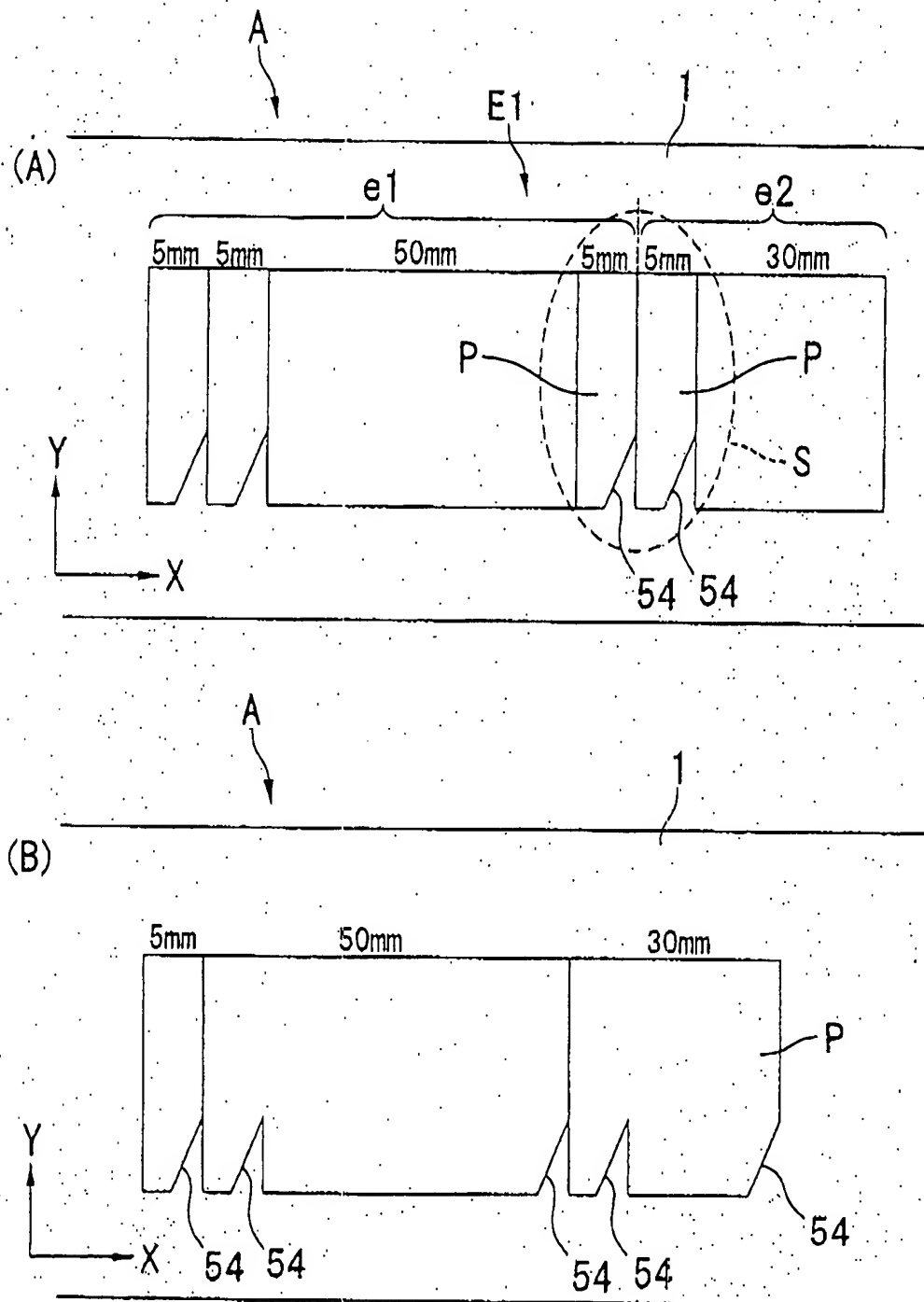
25/34

FIG. 25



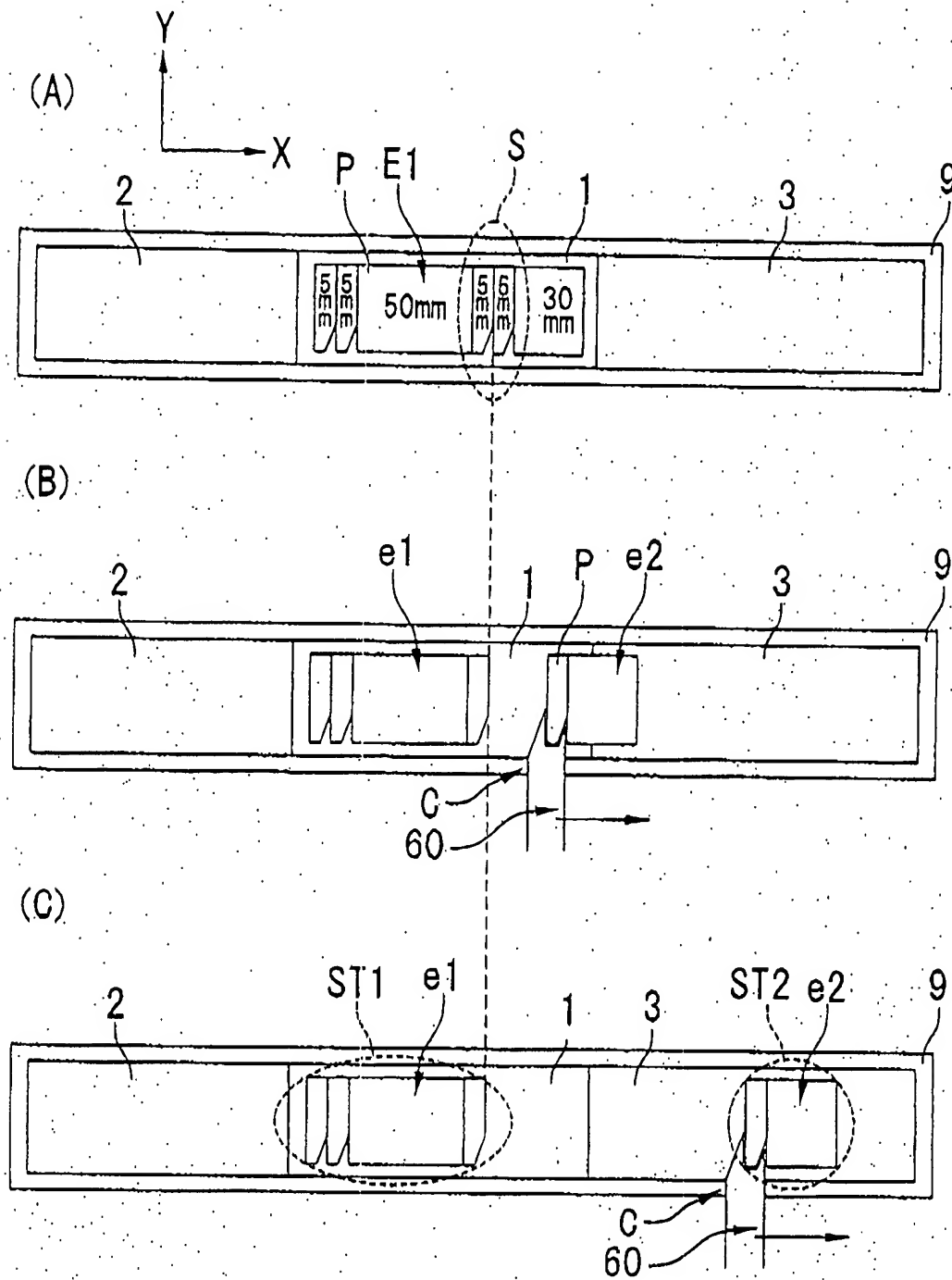
26/34

FIG. 26



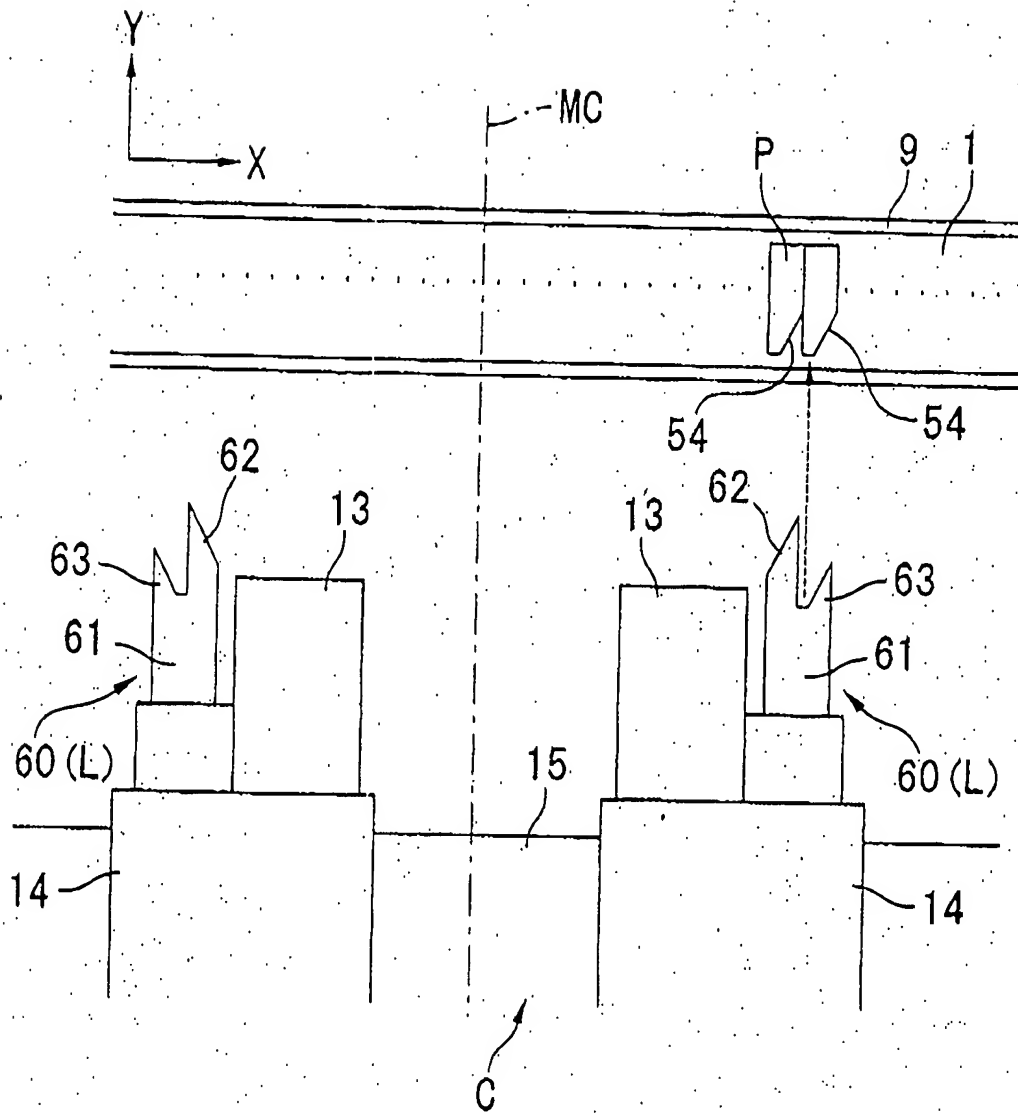
27/34

FIG. 27



28/34

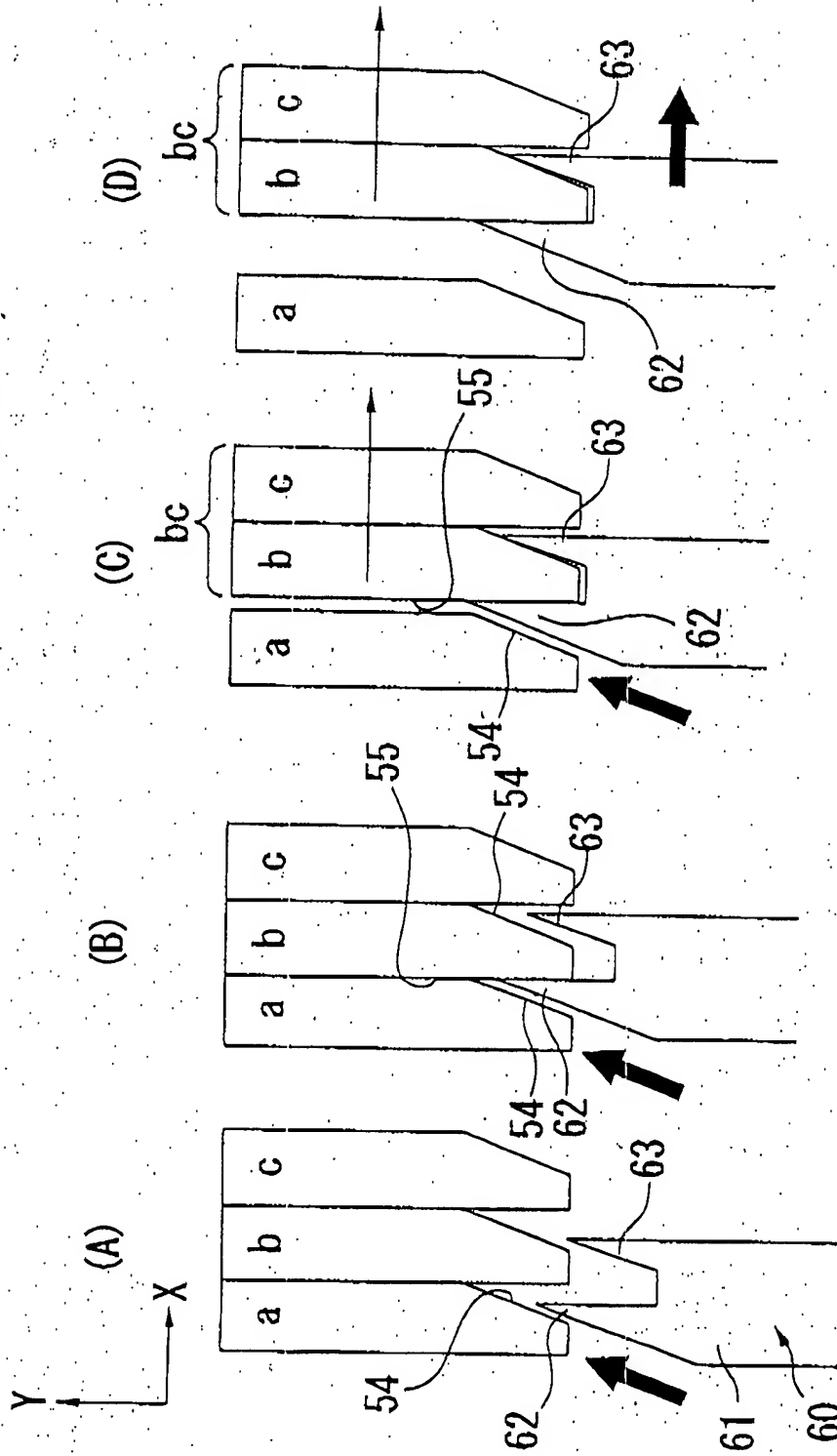
FIG. 28



29/34

F I G . 2 9

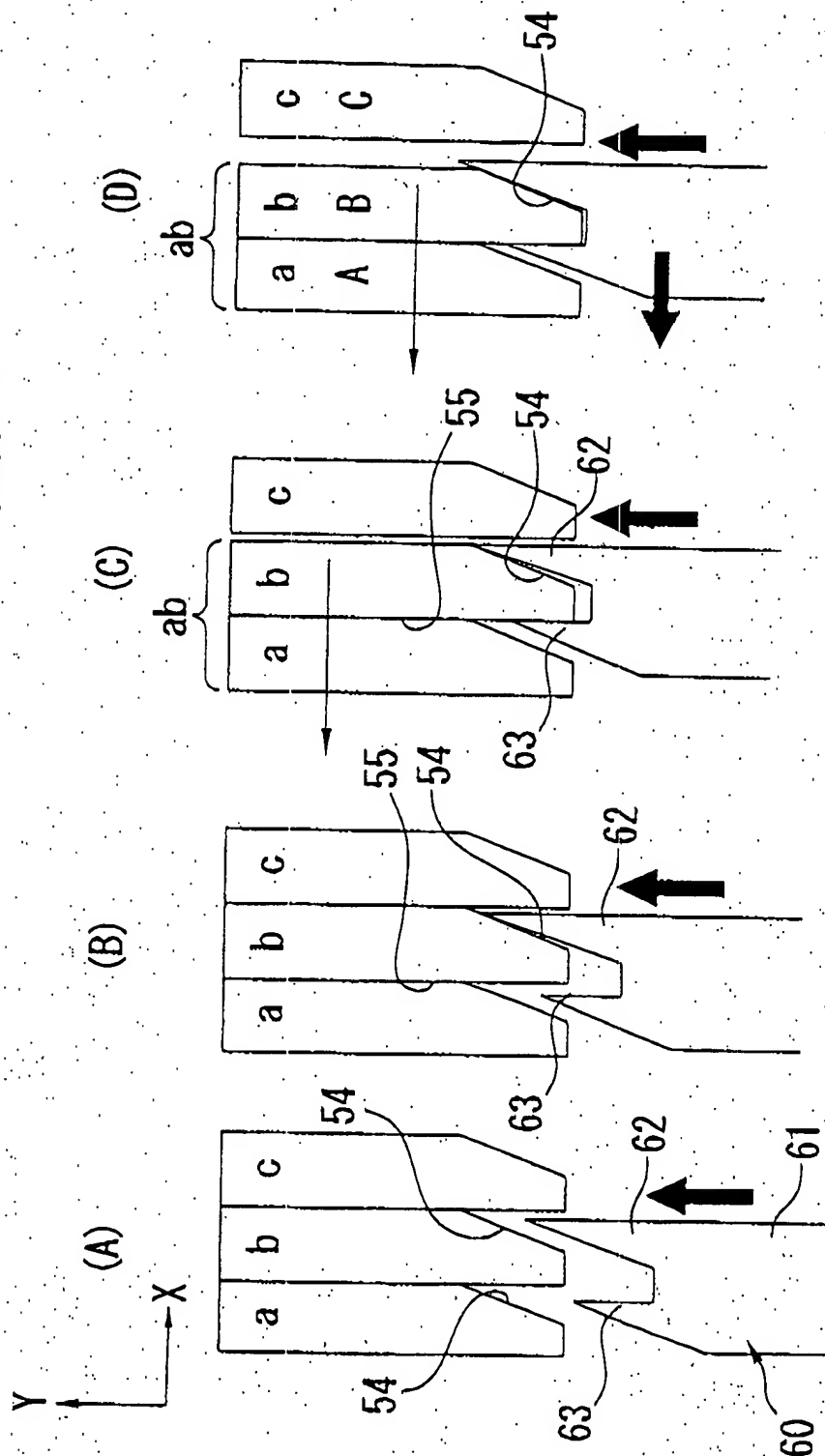
RIGHTWARD MOVEMENT OF SEPARATOR



3 0 / 3 4

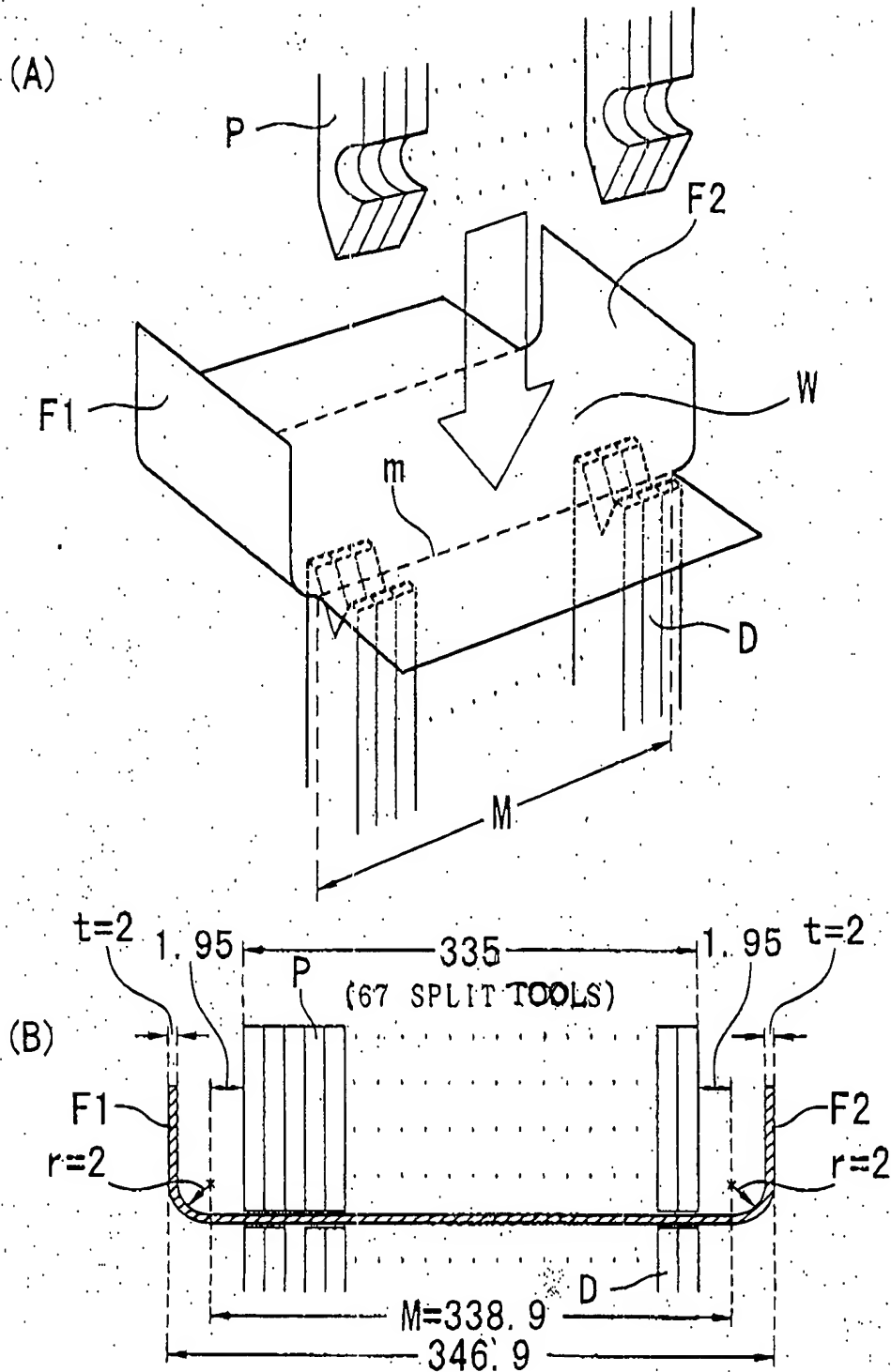
F I G . 3 0

LEFTWARD MOVEMENT OF SEPARATOR



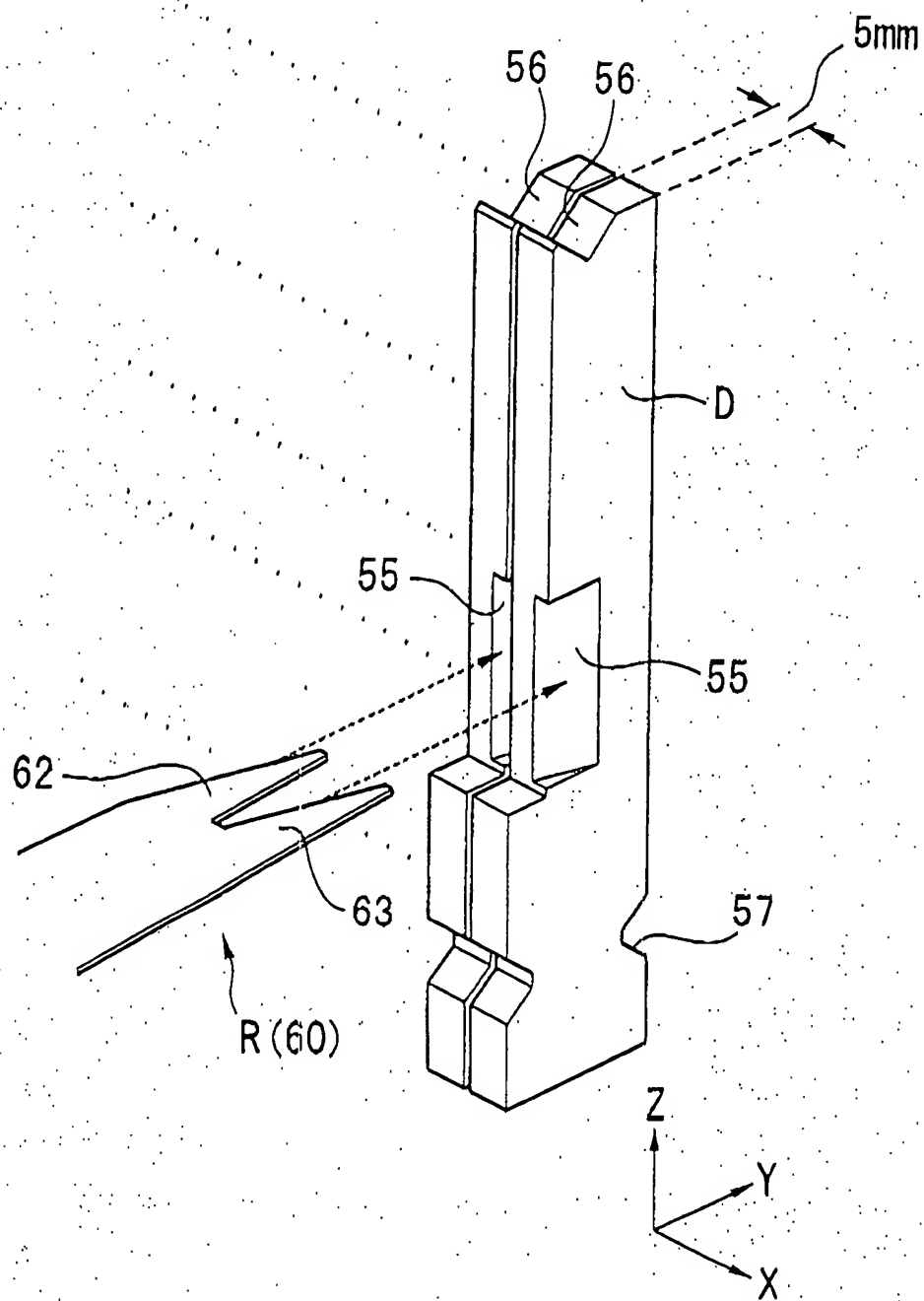
3-1/34

FIG. 31



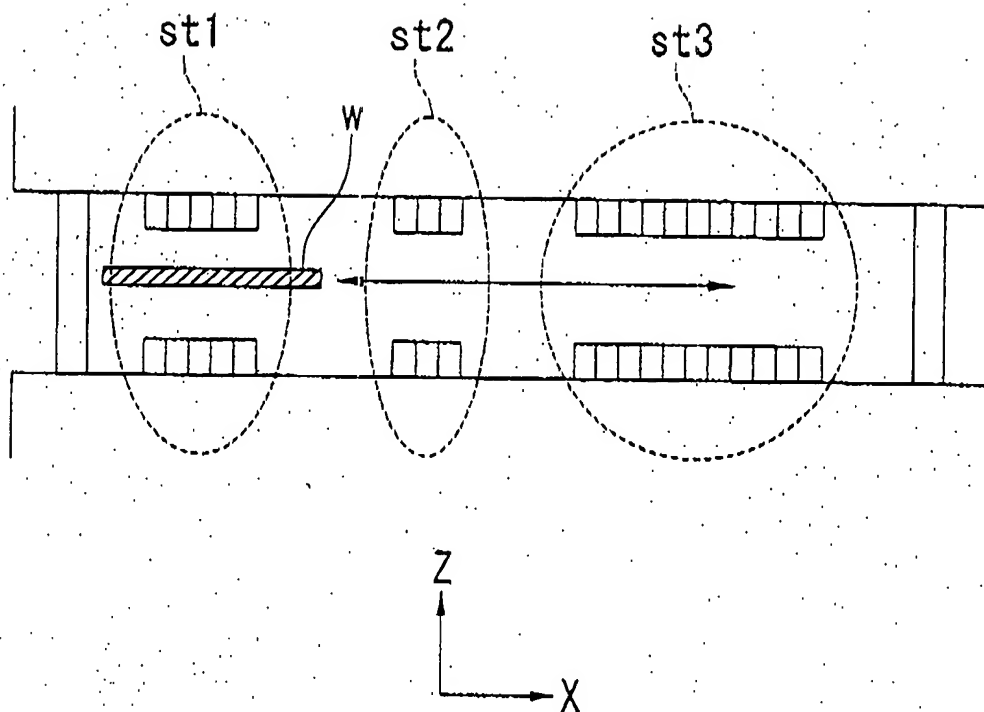
3 2 / 3 4

FIG. 32



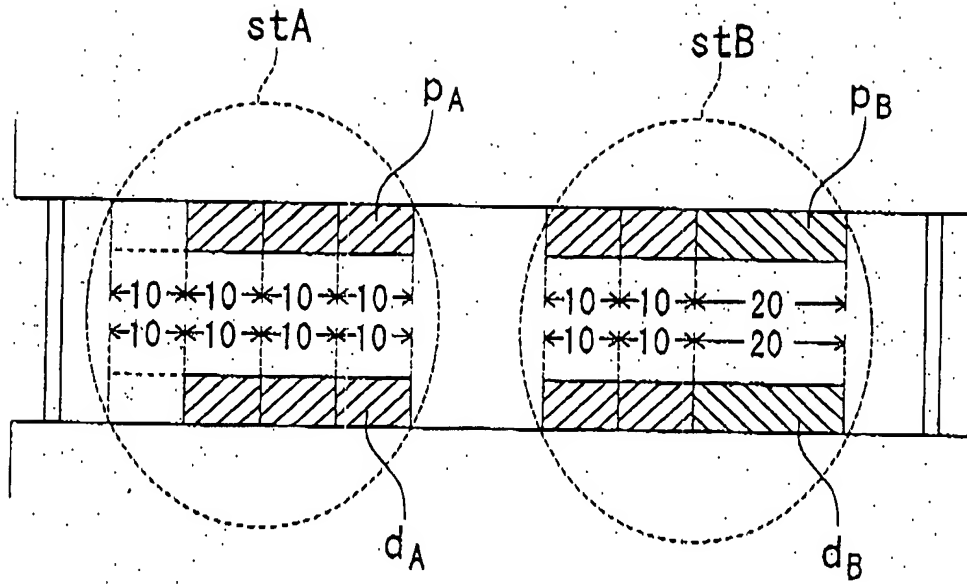
3 3 / 3 4

F I G . 3 3



34/34

FIG. 34



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